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FARM SUPPLIES AND EQUIPMENT 1962



Hannah Bros. Ltd.

2363 1st AVENUE - JO 9-4562 - JO 9-4544

Farmland Equipment

1553 ALBERT STREET - JO 9-8842

Regina, Sask.

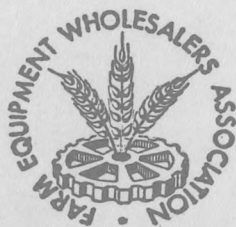


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MIDTOWN FARM EQUIPMENT LTD. are the wholesale distributors of all the items shown in this catalogue, and are one of the major short line distributors in Saskatchewan.

Established in 1950 by Russell (Russ) Shemko, owner and manager. The aim of MIDTOWN FARM EQUIPMENT LTD. is to distribute quality merchandise and maintain a complete stock of repairs.

MIDTOWN FARM EQUIPMENT LTD. is a member of the Farm Equipment Wholesalers Association of America which establish the sound precedent of carefully screening all prospective members to ascertain that their business operations conform rigidly to the highest standards of responsibility in farm equipment wholesaling.



SEAL OF QUALITY

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ALL EQUIPMENT SUPPLIED LESS TIRES AND TUBES UNLESS SPECIFIED

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ALL PRICES F.O.B. SASKATOON AND SUBJECT TO CHANGE WITHOUT NOTICE

P

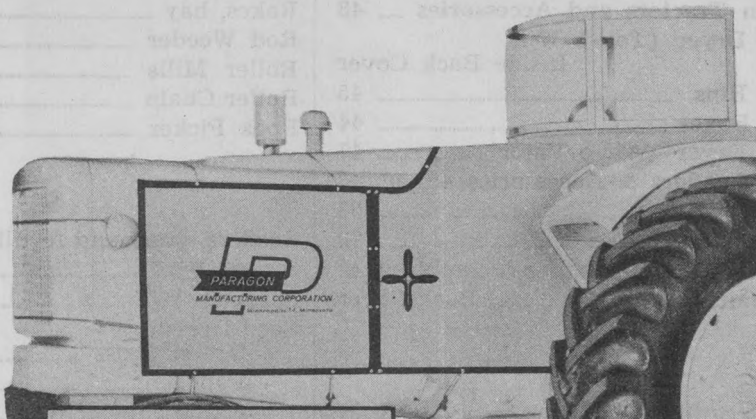
PARAGON OFFERS MORE — More Protection — More Visibility — More Convenience

HEATER CABS

A

R

A



• 12.4 sq. ft. of
panoramic vision



TIP DOWN WINDSHIELD

A Paragon Heater Cab is an **INVESTMENT** in **COMFORT** and **QUALITY**. The Paragon Heater Cab gives the tractor operator **MORE** of everything. **MORE** warmth—**MORE** comfort—a **MUCH** longer life.

Paragon's Heater Cab is unmatched in quality.

Designed to match the quality of the modern tractor.

A PARAGON HEATER CAB has MORE to offer . . .

Quality built for extra long life.

Heavy duty full wrap-around windshield with heavy steel channel frame and semi-rigid clear plastic.

Heavy duty 12-oz. army duck cover in Pearl Grey with red trim.

All metal parts of heavy gauge steel, finished in chrome aluminum.

All fastenings are cadmium plated.

A perfect fit means ease of installation.

Stock No. List

GROUP I—All models except Group I and II
With windshield 194-2A-0883 \$49.15
Less windshield 129-2A-4752 32.60

GROUP II—Case 900-930; John Deere 3010, 4010, R-80, 820, 830; Massey 55, 555, 95, 98 Std.; Min. Moline GBD; Oliver 99, 950, 990, 995.

With windshield 202-2A-5304 \$51.10
Less windshield 131-2A-7062 32.95

GROUP III—(Industrial models) Case 310B, 320, W3, 530, 540; John Deere 440-1; Ford NAA, 600, 800 with Ford Loader. With or without Backhoe 1800 series; International 340, 460 Utility with or without loader.

With windshield 209-2A-0814 \$52.95

G

Shademaster

BUGGY TOPS

O

N



Complete Unit for
Standard Tractor with
Fenders

123-2A-2742 \$30.90

Complete Unit for
Tractors without
Fenders

132-2A-0462 \$33.00

Complete Jumbo Unit
for Extra Wide Trac-
tors

138-2A-0772 \$34.65

**State Tractor Model
and Color**

DESIGNED FOR PROTECTION

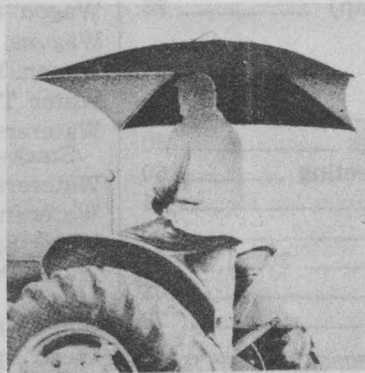
The **Shademaster "Buggy Top"** protects tractor operator from sun and rain. The frame is Hi-Tensile steel tubing and the heavy gauge mounting brackets will withstand any amount of vibration. Self-locking toggle braces and simple friction clutch type of pivot bracket permits tilting to any angle without the removal of bolts and nuts. Folds forward or behind driver.

There is a **Shademaster "Buggy Top"** to fit every shape of tractor, self-propelled combine, swather and baler. Heavy duty duck covers can be snapped into place in 3 minutes and are quickly removed. Choice of red, green, yellow or white. When ordering specify make, model, year of tractor.

SNOWED



Tilts to
any angle.



Folds to one side
when not in use.

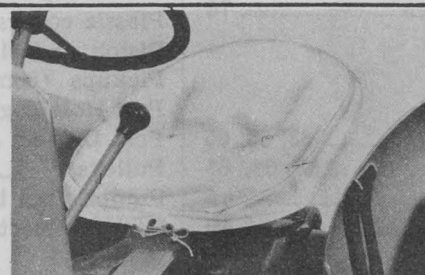
Provides plenty of room
for standing operator.

TRACTOR UMBRELLA TO FIT ALL TRACTORS AND COMBINES

Stock No. 78-2A-2551.

List

\$18.00



**PARAGON
TRACTOR
CUSHION**

Stock No.
17-2A043

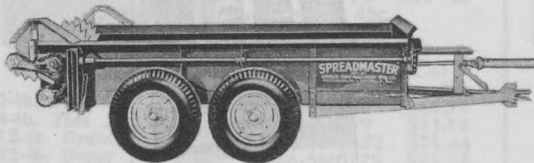
Price \$4.25

SPREADMASTER

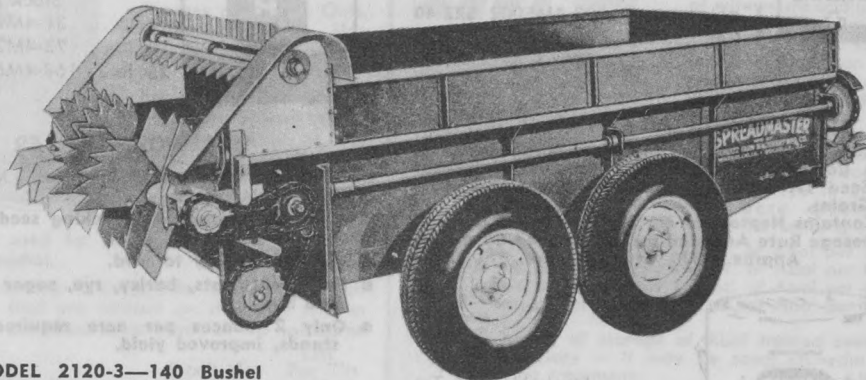
BY SCHULTZ

LEADERS IN PTO TANDEM WHEEL MANURE SPREADERS

MODEL 2120-0 105 Bushel w/Tandem Axle

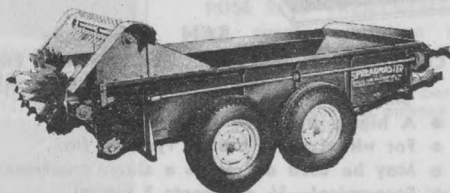


Less Tires and Tubes
Stock No. 2807-3F13165 Fcty. List \$684.53 Freight \$53.30
Saskatoon List \$739.83



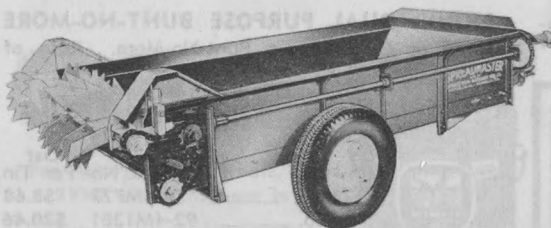
MODEL 2120-3—140 Bushel
Less tires and tubes
Stock No. 3275-3F89456
List \$798.76 Freight \$63.10
Saskatoon List \$861.86

MODEL 2120-6 120 Bushel



Less Tires and Tubes
Stock No. 3173-3F85436 Fcty. List \$773.88 Freight \$59.20
Saskatoon List \$833.08

MODEL 2120 105 Bushel



Less Tires and Tubes
Stock No. 2616-3F61325 Fcty List \$638.00 Freight \$49.20
Saskatoon List \$687.20

Look at the list of features: Low! Just a shade over a yardstick high at the sides. Wide! Over four feet inside the box. And on tandem wheels they ride like the Queen Mary. There is the revolutionary, new "Roostercomb" widespread-beater. Hooking up is easy and fast. The PTO assembly is the new, safe, self-shielded type.

AND HERE IS THE PAYOFF—By removing 6 bolts, you can take off the beater mechanism. By installing a simple board endgate, you have a high-speed trailer or corn wagon.

ONLY SPREADMASTER GIVES YOU ALL THESE FEATURES

- ★ The new Roostercomb" widespread-beater
- ★ First to use new, stronger Agricultural Roller Chain
- ★ Low-down design for easier, faster loading
- ★ Super width for bigger loads and less spillage
- ★ From a basic 105 bushel unit with single axle, can be built up to 120 bushel or 135 bushel with tandem axle

SPECIFICATIONS

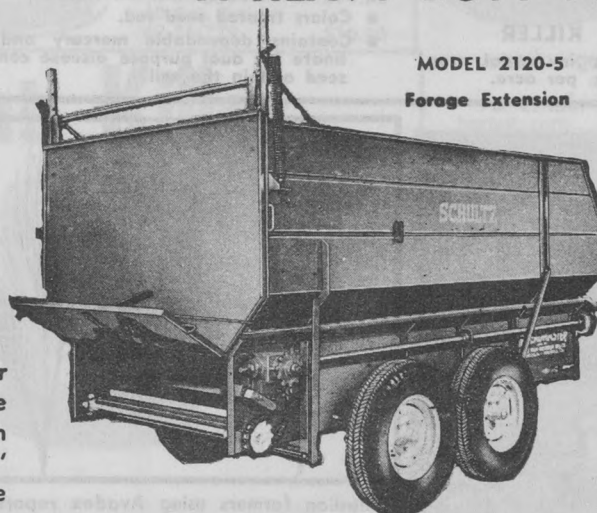
Inside Length of Bed 10'
Inside Width of Bed (below
flare) 50 1/4"
Inside Width of Bed (at top of
flare) 56 1/4"
Inside Depth of Bed (Model
2120) 16 3/4"
(Model 2120-3) 27"
Loading Height (Ground to Top
of box (Model 2120) 37"
(Model 2120-3) 46 1/4"
Overall Length 181"
Overall Width 70 1/2"

Overall Height (Model 2120) 44 1/2"
(Model 2120-3) 53 1/4"
Capacity (Model 2120) 105 bushels
(Model 2120-3) 140 bushels
Wheel Tread Width 63 1/2"
Wheels 15" DCR
Tires (that can be used) 6:70 x 15
to
8:20 x 15
Shipping Weight (Less Tires)
Model 2120) 1169 lbs.
(Model 2120-3) 1473 lbs.

... for a small extra cost you have

A HEAVY DUTY FORAGE WAGON

MODEL 2120-5
Forage Extension



Attachments include rugged well-braced side and front extensions; double endgate which can be opened at bottom if using for grain; assist springs aid in raising entire gate; endgate is fitted for backboards if desired. Easily attached; six bolts remove beater mechanism. Capacity is rated at 3 1/2 tons of forage.

Less tires and tubes
Stock No. 831-3F62661
List \$202.75 Freight \$19.80
Saskatoon List \$222.55



ALL PRICES F.O.B. SASKATOON

GREEN CROSS SEED DRESSINGS



| | Stock No. | List Per Gal. |
|-------------|------------|------------------|
| 1 gal. | 100-4M5002 | \$22.40 |
| 3 Gal. | 99-4M9791 | \$22.10 |
| 5 gal. | 97-4M7491 | \$21.65 |

LIQUID MERLANE

- Controls Wireworms and Seed-Borne Diseases.
- A Combination Liquid Insecticide—Disinfectant Seed Treatment. For use on Wheat and other Grains.
- Contains Heptachlor for Superior Insect Control.
- Dosage Rate Adjusted for Better Seed Coverage. Approx.—3¾ ozs. per acre.



| | Stock No. | List Per Tin |
|-------------|------------|-----------------|
| 4 lb. | 48-4M269 | \$10.76 |
| 10 lb. | 114-4M3722 | \$25.41 |
| 25 lb. | 274-4M1745 | \$61.15 |

MERLANE

- CONTROLS:** Wireworm, Seed-Borne Diseases.
- A combination insecticide-disinfectant seed treatment. For wheat, oats, barley, rye, flax, corn, beans.
 - Requires only 2½ ozs. per acre. Bigger yields, better quality crops.
 - Superior insect control with Heptachlor which has very low toxicity for seed germination.



| | Stock No. | List Per Gal. |
|--------------|-----------|------------------|
| 1 gal. | 63-4M3621 | \$14.10 |
| 3 gal. | 61-4M9121 | \$13.75 |
| 5 gal. | 60-4M5911 | \$13.40 |
| 25 gal. | 57-4M2411 | \$12.80 |

LIQUID WIREWORM KILLER

For the control of Wireworms in cereal crop. Rate of application, 3 oz. per acre.



| | Stock No. | List Per Tin |
|-------------|------------|-----------------|
| 4 lb. | 31-4M916 | \$6.92 |
| 10 lb. | 73-4M2541 | \$16.22 |
| 25 lb. | 168-4M6633 | \$37.62 |

WIREWORM KILLER

CONTROLS: Wireworms, Seed-Corn Maggot and other Root Maggots.

- Controls Wireworms attacking seed and young plants.
- Applied directly to seed.
- For wheat, oats, barley, rye, sugar beets, peas and beans.
- Only 2 ounces per acre required, increases stands, improved yield.



| | Stock No. | List Per Gal. |
|--------------|-----------|------------------|
| ½ gal. | 31-4M226 | \$6.98 |
| 1 gal. | 57-4M7311 | \$12.98 |
| 5 gal. | 53-4M5501 | \$11.78 |
| 25 gal. | 51-4M1101 | \$11.27 |
| 45 gal. | 49-4M779 | \$10.90 |

LIQUI-SAN

CONTROLS: Smuts of Wheat, Oats, Barley, Rye, Seedling Blights, Root Rots, Stripe of Barley, Helminthosporium on Oats.

- Ready-to-use liquid seed disinfectant.
- Controlled odor.
- Outstanding disease control on wheat, oats, barley, flax.
- No dangerous dust while treating.
- No fire hazard—will not freeze.
- Colors treated seed red.
- Contains dependable mercury and oxyquinoline for dual purpose disease control on the seed and in the soil.



| | Stock No. | List Per Tin |
|--------------|-------------|-----------------|
| 4 lb. | 27-4M745 | \$6.48 |
| 8 lb. | 53-4M1601 | \$12.56 |
| 25 lb. | 142-4M2482 | \$33.75 |
| 100 lb. | 547-4M74901 | \$130.00 |

SAN

CONTROLS: Wheat Bunt and Seedling Blights, Barley Smuts and Stripe, Oat Smuts, Blight, Smuts of Rye, Root Rot.

- A highly effective seed disinfectant.
- For wheat, oats, barley, rye and flax.
- May be used dry or as a slurry treatment.
- Economical—½ oz. treats 1 bushel.



| | Stock No. | List Per Gal. |
|-------------|-----------|------------------|
| 1 gal. | 69-4M4731 | \$15.35 |
| 3 gal. | 68-4M8531 | \$15.17 |
| 5 gal. | 67-4M7431 | \$15.05 |

LIQUID DUAL PURPOSE BUNT-NO-MORE

Same as Dual-Purpose Bunt-No-More. Rate of application 3¾ oz. per acre.



| | Stock No. | List Per Tin |
|-------------|------------|-----------------|
| 4 lb. | 39-4M777 | \$8.68 |
| 10 lb. | 92-4M1381 | \$20.46 |
| 25 lb. | 221-4M3144 | \$49.32 |

DUST DUAL PURPOSE BUNT-NO-MORE

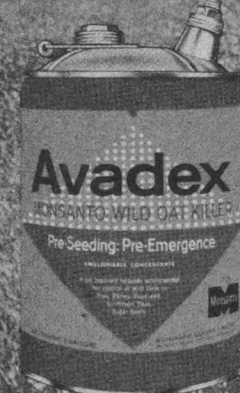
CONTROLS: Bunt of Wheat, (Stinking Smut) Wireworms.

- A combination insecticide—fungicide seed treatment.
- Contains no mercury. Pleasant to handle.
- Protects Seed. Stimulates seedling growth.
- Contains Heptachlor for insect control.
- Seed can be sown immediately after treating 3½ oz. per acre.

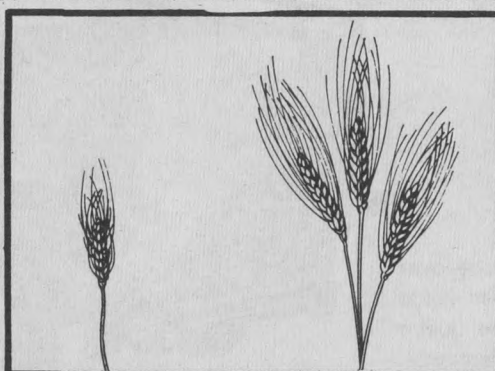
Avadex

MONSANTO WILD OAT KILLER

Pre-Seeding / Pre-Emergence



SEED EARLIER HARVEST MORE



Canadian farmers using Avadex reported yields increased as much as 100% on barley.

TEN YEARS OF RESEARCH

Avadex is the result of ten years of research by Monsanto in the development and improvement of chemicals for more effective wild oat control. Farm Tested in Western Canada.

APPLICATION

Flax—1½ to 2 lbs. per acre.
Barley—1¼ to 1½ lbs. per acre.
Rape Seed—1½ lbs. to 2 lbs. per acre.

5 Gallon Cans Stock No. 281-4M2365

A PRE-EMERGENCE HERBICIDE

Avadex is a pre-planting herbicide because we believe that pre-emergence treatment gives more dependable control of wild oats and permits a longer maturing season. Sprayed on the seedbed before they germinate and is effective throughout the long germination period of the wild oat. Because Avadex is a preplanting herbicide, there is no problem with critical timing to spray wild oats at a certain stage of growth. The grower can go to early planting of late maturing, high yielding crop varieties. Delayed seeding as a wild oat control measure never proves very satisfactory and is now a thing of the past with Avadex.

4 lbs. technical material per gallon.

Kills Wild Oats as they germinate

FLAX BARLEY RAPESEED
SUGAR BEETS
PEAS
SUNFLOWER

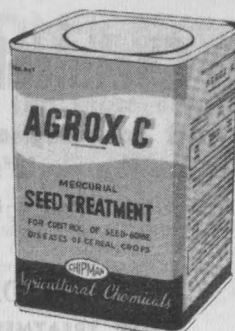


CHIPMAN Seed Dressings



Mergamma "C" will give low cost dual control of both seed-borne diseases and wireworms in cereal and Flax crops. Mergamma "C" is a dust and can be applied with any seed dressing machine used for dry seed treatment. The application rate is 2½ oz. of Mergamma "C" per acre—cost per acre approximately 45c.

| | Stock No. | List Per Tin |
|-------------|------------|--------------|
| 2-lb. Tins | 26-5M025 | \$5.74 |
| 4-lb. Tins | 50-5M899 | \$11.08 |
| 12-lb. Drum | 142-5M3482 | \$31.44 |
| 25-lb. Drum | 286-5M0175 | \$63.25 |



AGROX "C"

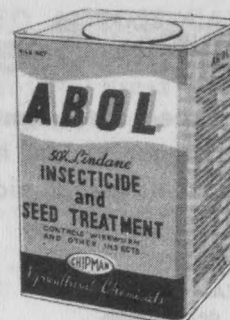
Agrox C contains 5% Mercury, and is recommended for the control of smut and seed-borne diseases of Wheat, Oats, Barley, Rye and Flax where wireworms are not a problem.

Application should be made at the rate of ½ oz. per bushel on the cereal crops and 1½ oz. per bushel for Flax. Agrox C can be applied with any seed dressing

machine used for dry treatment at a cost of 5¢ per bushel.

The mercuric disinfectants are effective on diseases that are carried on the seed and in addition are effective on many of the soil-borne diseases.

| | Stock No. | List Per Tin |
|-------------|------------|--------------|
| 1-lb. Tins | 08-5M851 | \$1.85 |
| 4-lb. Tins | 27-5M745 | \$6.48 |
| 12-lb. Tins | 80-5M2951 | \$18.84 |
| 70-lb. Drum | 383-5M3667 | \$91.00 |



ABOL

Abol contains 50% Benzene Hexachloride (Lindane) and is recommended for the control of wireworms and other soil insects in cereal crops, flax and vegetables. Abol can be applied to the seed with any dust-treating machine.

The rate of application for wheat, oats, barley, flax and rye is 2 oz. per acre depending upon the seeding rate.

| | |
|-------------------------|-------------------------|
| 1 bushel per acre apply | 2 oz. of Abol per bus. |
| 1¼ bus. per acre apply | 1½ oz. of Abol per bus. |
| 1½ bus. per acre apply | 1½ oz. of Abol per bus. |
| 2 bus. per acre apply | 1 oz. of Abol per bus. |

A period of storage of Abol treated seed is not necessary — it may be sown immediately following treatment.

| | Stock No. | List Per Tin |
|------------|-----------|--------------|
| 2-lb. Tins | 19-5M373 | \$4.14 |
| 4-lb. Tins | 34-5M286 | \$7.60 |



NEW! LIQUID MERGAMMA

A HIGH QUALITY DUAL-PURPOSE SEED TREATMENT

One simple operation kills wireworms and controls seed-borne diseases.

Apply to wheat, oats, barley, rye to give 3¾ fluid ounces per acre.

| | Stock No. | List Per Gal. |
|---------|------------|---------------|
| 1 Gal. | 100-5M5002 | \$22.40 |
| 5 Gal. | 99-5M9791 | \$22.10 |
| 40 Gal. | 98-5M3691 | \$21.95 |



NEW! AGROSOL

A HIGH QUALITY MERCURY SEED TREATMENT

For control of seed-borne and soil-borne diseases of cereals.

Apply to wheat, oats, barley, rye at ¾ fluid ounces per bushel.

Apply to flax at 1½ fluid ounces per bushel.

| | Stock No. | List Per Gal. |
|----------------|-----------|------------------|
| 1 Gal. Bottles | 57-5M7311 | (4/case) \$12.98 |
| 3 Gal. Cans | 53-5M5501 | \$11.78 |
| 40 Gal. Drums | 49-5M779 | \$10.90 |



Contains Heptachlor

NEW!

CHIPMAN LIQUID WIREWORM SEED TREATMENT

A HIGH QUALITY WIREWORM SEED TREATMENT

For control of wireworms in wheat, oats, barley, corn.

Apply to wheat, oats, barley to give 4 fluid ounces per acre.

Apply to corn at 2 fluid ounces per bushel.

| | Stock No. | List Per Gal. |
|-----------|-----------|---------------|
| 1 Gallon | 63-5M3621 | \$14.10 |
| 5 Gallon | 60-5M5911 | \$13.40 |
| 45 Gallon | 57-5M2411 | \$12.80 |

Carbyne Wild Oat Killer

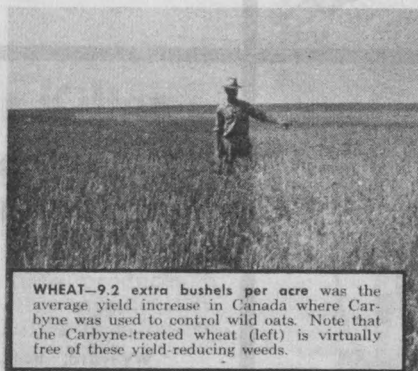
"For victory over wild oats, spray them with CARBYNE when they are in the 2-leaf stage."



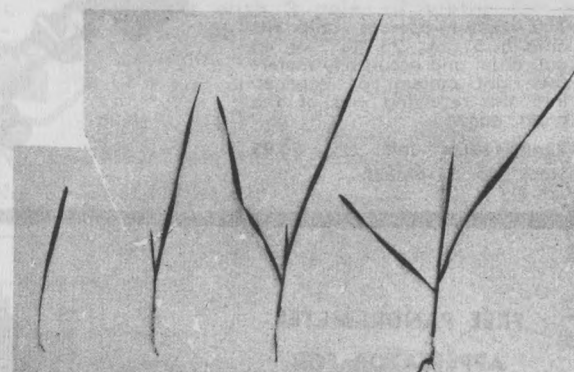
Carbyne is an amazingly selective weed killer that can take wild oats out of crops after the crop has emerged. Carbyne is recommended in 1962 for unrestricted use on Spring Wheat, Durum, Wheat, Barley, Rape, Mustard, and Flax. Carbyne is applied on the above crops at the rate of 2½ to 3 pints per acre. It is packaged in 4 Imp. Gallon Cans. At the lower application rate a 4 Gal. can will treat 15 acres at a cost of \$3.80 per acre. Complete details available on request.

Carbyne is applied on the above crops at the rate of 1½ pints-2½ pints of Carbyne (4-6 oz. active ingredient) per acre. Lower recommended rate should only be used when growing conditions are normal or better. Under dry conditions, poor fertility or when very heavy infestations (150 Wild Oats per sq. ft.) are encountered use the higher recommended rate.

| | Stock No. | List Per Pail |
|-------------|------------|---------------|
| 4 Gal. Pail | 263-5M3625 | \$56.85 |



WHEAT—9.2 extra bushels per acre was the average yield increase in Canada where Carbyne was used to control wild oats. Note that the Carbyne-treated wheat (left) is virtually free of these yield-reducing weeds.



Too Early (emergence-1 leaf stage) Susceptible Stages (2 leaf stage) Too Late (3 leaf stage)

TIME OF APPLICATION is very critical. CARBYNE must be applied in the 2-leaf stage (second and third above), or between the fourth and ninth day of emergence of the plant. Before or after that time, the control rapidly decreases with time of application.

Give your crops **EXTRA GROW POWER** with Morton Seed Treatment Chemicals and Equipment

Here are the quality seed treatment chemicals you can trust to bring extra seedling vigor, thicker, faster-growing stands, and bigger yields. Morton seed treatments are the world's most thoroughly proven, and widely recommended. Come in now and pick the Morton seed treatment that's right for your needs.

Panogen®

SEED TREATMENT FOR DISEASE

Eliminate disease . . . get bigger, stronger, heavier yields by treating with world-famous Panogen now in New Pano-Sling bottle.

| | |
|-------------------------------|----------|
| 80 oz. bottle | Price |
| Stock No. 31-6M226 | \$6.98 |
| 160 oz. Pano-Sling bottle | \$12.98 |
| Stock No. 56-6M7311 | |
| 5 gal. can | \$58.90 |
| Stock No. 263-6M4725 | |
| 25 gal. drum | \$281.75 |
| Stock No. 1263-6M46252 | |
| 45 gal. drum | \$490.50 |
| Stock No. 2198-6M06934 | |
| * FREE Pandri-Meter included. | |



Drinox®

SEED TREATMENT FOR WIREWORMS

Knock out wireworms that cause spotty stands . . . lower yields. Proven Drinox is safe and economical. Now in new Pano-Sling bottle.

| | |
|-------------------------------|----------|
| 160 oz. Pano-Sling bottle | Price |
| Stock No. 63-6M3621 | \$14.10 |
| 5 gal. can | \$67.00 |
| Stock No. 298-6M4795 | |
| 25 gal. drum | \$327.50 |
| Stock No. 1460-6M21292 | |
| 45 gal. drum | \$576.00 |
| Stock No. 2569-6M79315 | |
| * FREE Pandri-Meter included. | |



Pandrinex®

'ONE-SHOT' SEED TREATMENT FOR BOTH DISEASE AND WIREWORMS

Now, use only one seed treatment to control all major seed disease and seed insect pests. Safe and easy-to-use. Now in new Pano-Sling bottle.

| | |
|-------------------------------|----------|
| 160 oz. Pano-Sling bottle | \$22.40 |
| Stock No. 100-6M5002 | |
| 5 gal. can | \$108.25 |
| Stock No. 486-6M7379 | |
| 25 gal. drum | \$533.75 |
| Stock No. 2402-6M92084 | |
| * FREE Pandri-Meter included. | |



Pentadrin®

NON-MERCURIAL TREATMENT FOR BUNT AND WIREWORMS

Effective two-way wheat treatment to control stinking smut (bunt) and wireworms. Contains no mercury compounds. Now in new Pano-Sling bottle.

| | |
|-------------------------------|---------|
| 160 oz. Pano-Sling bottle | \$15.35 |
| Stock No. 68-6M4731 | |
| 5 gal. can | \$75.25 |
| Stock No. 336-6M7376 | |
| * FREE Pandri-Meter included. | |

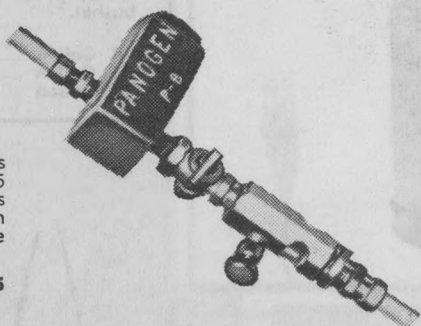


Treat seed easily at home with Panogen equipment

APPLICATOR FOR *Panogen*®

This easy-to-operate unit fits onto a 5 gal., 25 gal., or 45 gal. drum and accurately meters the right amount of Panogen into the receiving end of the grain auger.

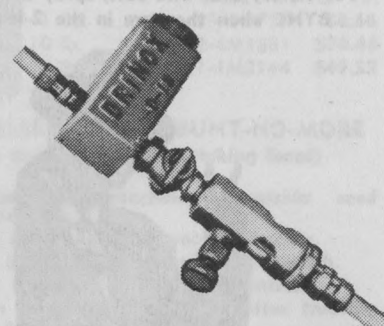
| | |
|--------------------|--------|
| Ready-to-use unit | \$6.95 |
| Stock No. 31-6M236 | |



APPLICATOR FOR *Drinox*®

Same as P-8, at left, but with faster-feeding valve to apply to apply Drinox at a higher treating rate.

| | |
|--------------------|--------|
| Ready-to-use unit | \$6.95 |
| Stock No. 31-6M236 | |



FREE PANDRI-METER APPLICATOR FOR PANOGEN OR DRINOX

Amazingly-accurate unit that attaches to all bottled Panogen, Drinox, Pandrinex, or Pentadrin. Drips right dosage into receiving end of grain auger.



TESTS PROVE 15 TO 20% YIELD INCREASE WITH PANOGEN SEED TREATMENT

| | Panogen and Drinox | no treatment | increase |
|----------------------|--------------------|--------------|----------|
| Wynyard, Sask. | 38.1 bu. | 31.4 bu. | 21.3% |
| Alta. Dept. of Agri. | 36.7 bu. | 32.0 bu. | 14.7% |

SPECIAL HERBICIDES and INSECTICIDES



DALAPON IS OFFICIALLY RECOMMENDED ACROSS CANADA

Proven over three years of grower use

to be the most effective low-cost answer to the grass problem.

Dalapon will profitably control Couch or Quack grass as well as other perennial and annual grasses when applied in Fall or Spring

FALL TREATMENT:

Use 10 to 15 pounds Dalapon per acre on land to be planted to crops, the following spring. Application should be made during September or October while grass is still growing well. For mixed sods, work-up and spray re-growth. Plow treated areas 10-20 days following treatment or early next spring.

SPRING TREATMENT:

Apply 7½ to 10 pounds of Dalapon per acre in early spring at least 4 weeks prior to planting crops. Grass should be 4 to 6 inches high and growing actively when sprayed. After application, wait at least 3 days before plowing and an additional 4 weeks before planting Dalapon susceptible crops (see Cautions).

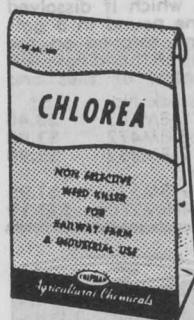
FLAX

For control of green foxtail in flax, use ¾ to 1½ pounds Dalapon per acre. Apply when the foxtail is in the early stages of growth, preferably from seedling to four-leaf stage. On light textured soils, etc., lighter rates may be used. Spray volumes should be approximately 10-12 gallons of water per acre.

5 lb. (Stock No. 06-7M111) per lb. \$1.40

50 lb. (Stock No. 05-7M79) per lb. \$1.15

Chlorea Granular

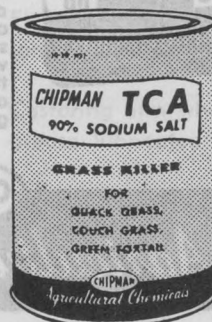


A complete soil sterilant kills all growth. Use wherever undesirable growth is a problem.

In granular form, and is easy to apply at rates of ½ lb to 2 lb. per 100 sq. ft., depending on the particular weed problem.

50 lb. Bag (Stock No. 87-7M7371) each \$20.00

Chipman TCA



Trichloracetate of TCA (94% Sodium Salt) at low application rates, is a selective chemical, and at the high application rates is a short-term soil sterilant.

When dissolved in water and applied with a field-sprayer at a rate of 4 to 6 lbs. of active TCA per acre, this chemical will effectively eradicate wild millet (green foxtail) from flax and field peas. MCP or 2,4-D can be added to the solution for control of broad-leaved weeds in addition to the wild millet. TCA will also effectively control wild millet in sugar beets at rates of 4 to 10 lbs.

When applied at rates of 50 to 100 lbs. per acre TCA will eradicate couch or quack-grass, the lower treatment rates being recommended for use in conjunction with shallow cultivation.

90% SODIUM SALT TCA
Container Sizes and Prices

10 lb. (Stock No. 02-7M24) per lb.47
50 lb. (Stock No. 02-7M63) per lb.42
100 lb. (Stock No. 02-7M53) per lb.41



Atlacide

Atlacide soil sterilant is also available as follows:

10 lb. (Stock No. 12-7M462) per tin \$3.35
50 lb. (Stock No. 41-7M328) per tin \$9.02
100 lb. (Stock No. 75-7M2941) per tin \$17.00

Applied at rate of 2 to 4 lbs. per 100 sq. ft. Mix with water to apply.



Diazinon 25E

New long lasting Fly Spray. Mix 1 pint with 3 gals. of water for a spray which has up to two months residual effect.

1 gal. of this mixture will do up to 1000 sq. ft.

4 oz. (Stock No. 06-7M211) per tin \$1.60
Pint (Stock No. 13-7M862) per tin \$3.45

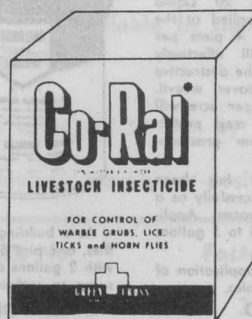


Couch Grass Killer

Recommended for control of couch grass (quack grass) and other grasses along roadside ditches. Applied as a spray it kills underground root stocks of couch grass.

Use ½ lb. to at least ½ gal. water per 200 sq. ft. A higher volume produces a more thorough and effective application. Lower dosages of Grass Killer is effective in suppressing the growth of grasses.

½ lb. (Stock No. 03-7M36) per pkg.90
2 lb. (Stock No. 10-7M591) per pkg. \$2.77



Co-Ral

25% wettable powder mixture 4 lbs. to 20 gallons water. Use 1 gallon per head in summer, 2 gallons per head in winter. For use on Animals 3 months or older.

4 lb. (Stock No. 55-7M3901) per pkg. \$12.20

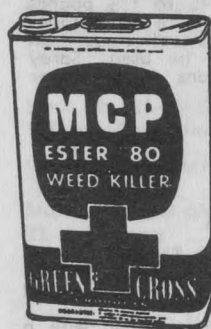
ALL PRICES F.O.B. SASKATOON

WEED SPRAYS



In grain crops, for top control use the maximum rate of 2, 4-D or MCP recommended. Treatment at the bud stage will give maximum effectiveness, however, to avoid crop injury and effects of weed competition treatment is usually made when weeds are 4-8 inches tall. On fallow land follow normal spring tillage, then spray thistles when they begin budding, using 32 oz. WEED-NO-MORE "80" per acre. Continue tillage after 3 or 4 weeks or as soon as thistles show signs of re-growth.

After-harvest spraying has been successful in a number of areas. Use WEED-NO-MORE "80" or Low Volatile WEED-NO-MORE "80" or MCP ESTER "80" at 3 pints per acre followed by ploughing or one way disking.



MCP AMINE "80" AND MCP ESTER "80"

Weed killers which are very similar to 2, 4-D in their effects on weeds. Some weeds may be killed more readily with MCP than with 2, 4-D. MCP is especially recommended for control of weeds in flax and oats which are more susceptible to damage by 2, 4-D than MCP. Contains 80 oz. MCP acid per gallon.

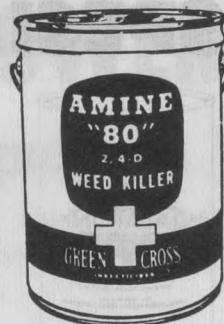


WEED-NO-MORE "80" LOW VOLATILE

Low Volatile isooctyl ester formulation which eliminates vapour hazard to nearby unsprayed plants. Kills broad-leaved weeds in wheat, barley, rye, turf, etc. and susceptible brush and weeds in pastures, along roadsides, vacant lots, etc. More effective than ordinary esters against certain weeds such as wild buckwheat and Russian thistle. Contains 80 oz. 2, 4-D acid per gallon.

AMINE "80"—A water-soluble form of 2, 4-D.

AMINE "80" is considered not as harsh on oats and flax as ester formulations. No vapour hazard to nearby susceptible crops. Contains 80 ounces 2, 4-D acid per gallon.



D.D.T.

D.D.T., available in dust and liquid formulations, is recognized by farmers as an effective insecticide for the control of insects in field crops and also in and around farm buildings.

Sweet Clover weevil can be killed by applying 25% D.D.T. liquid concentrate with a field crop sprayer at a rate of 6 to 7 pints per acre in 4 to 12 gallons of water. For control of Lygus bug of Alfalfa, D.D.T. 25% should be applied at the rate of 3 to 4 pints per acre.

D.D.T. is also available in a 50% wettable powder, which if dissolved at the rate of one pound in 3 gallons of water and sprayed on the exterior surfaces of buildings will give residual control of flies and other insects.



| | Stock No. | List |
|----------------------------|------------|---------|
| 1 Gal. _____ | 15-8M503 | \$3.40 |
| 5 Gal. _____ (per gal.) | 13-8M472 | \$3.05 |
| 45 Gal. _____ (per gal.) | 12-8M852 | \$2.90 |
| Wettable Powder | | |
| 4 lb. Tins _____ (per tin) | 09-8M571 | \$1.95 |
| 50 lb. Drum _____ | 104-8M9702 | \$23.10 |



CHIPMAN 2, 4-D ESTER "64"

A selective weed control chemical containing 64 oz. of 2, 4-D Ester acid per gallon. Is a fast acting formulation similar to "128" and recommended particularly for the difficult to control weeds.

4 oz. per acre. Ester "64" and "128" is available in 1, 5 gal. containers.

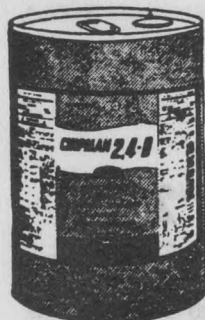
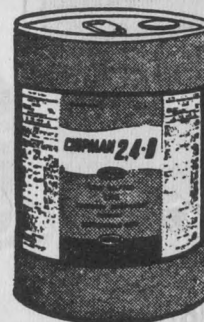
CHIPMAN Agricultural Chemicals

DIRECTIONS:

WHEAT, BARLEY and RYE: Treat only from 3-leaf to flag-leaf stage and again from milk stage to full maturity.

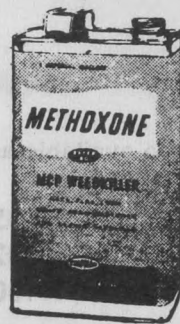
CHIPMAN 2, 4-D ESTER 128

A high quality selective weed chemical containing 128 ounces of 2, 4-D Ester acid per gallon. "128" is "double strength" compared to the Ester "64" and is the most economical 2, 4-D formulation. 2 oz. per acre.



CHIPMAN 2, 4-D AMINE "80"

OATS AND FLAX: OATS should be treated only between emergence and the 2-leaf stage and again between the 6-leaf and the flag-leaf stages. FLAX should be treated only between the time the plant reaches a height of 2 inches and up to the pre-bud stage with CHIPMAN 2, 4-D AMINE 80. For the control of Green Foxtail in Flax CHIPMAN TCA at 5-8 lbs. per acre may be used in the spray from the time the Green Foxtail emerges until the weed is 2 inches high. However, these crops are more tolerant to MCP than 2, 4-D therefore, 2, 4-D is recommended only for emergency conditions such as the presence of MCP resistant weeds.



METHOXONE

MCP WEEDKILLER

FOR SELECTIVE WEED CONTROL IN OATS, FLAX, OTHER GRAINS, CLOVER SEEDINGS, PEAS, CORN, PASTURES

ESTER "80"

If weeds warrant spraying prior to 3-leaf stage, Methoxone (MCPA) results in less crop injury than 2, 4-D. Imperial gallon containers.

INSECTICIDES

ALDRIN



Aldrin is an effective insecticide for the control of a variety of insects in field-crops and gardens.

Aldrin 20 Liquid when applied at the rate of 4 pints per acre will effectively control the destructive sweet clover weevil. 1/2 pint per acre will provide crop protection from grasshoppers.

Aldrin has been used successfully as a ground spray for the control of cutworms. Application rate is 2 pints per acre in 4 to 5 gallons of water.

Care must be exercised in the application of insecticides on edible leafy vegetables.

ALDRIN 20 LIQUID

CONTAINER SIZES
1 Imperial Gal. 5 Imperial Gal.
ALDRIN WETTABLE POWDER
5 lb. Tin

DIELDRIN



Dieldrin is a powerful and effective insecticide.

Dieldrin liquid at a rate of one-half pint per acre is very effective on grasshoppers, while for sweet clover weevil 2 pints per acre in sufficient water to contact all foliage is recommended.

As a ground spray for the control of cutworms, Dieldrin Liquid formulation can be used at the rate of 1 pint per acre.

As a building surface spray for the control of flies, one pint of Dieldrin liquid should be mixed with 2 gallons of water and applied as a coarse spray to surfaces where flies congregate.

DIELDRIN LIQUID

CONTAINER SIZES
1 Imperial Gal. 5 Imperial Gal.
DIELDRIN WETTABLE POWDER
4 lb. Tin

MALATHION



Malathion is one of the most versatile insecticides available. It is effective on a wide variety of insects and yet is relatively non-toxic to humans.

Effective in controlling aphids in cereal crops as well as a wide variety of sucking and chewing insects in garden and horticultural crops. It may be used as a residual spray for the control of flies in farm buildings; also, for direct application to beef cattle for lice control.

Malathion is also recommended as a grain bin spray prior to grain storage.

MALATHION LIQUID — 50%

CONTAINER SIZES
1 Quart 1 Imperial Gal. 5 Imperial Gals.

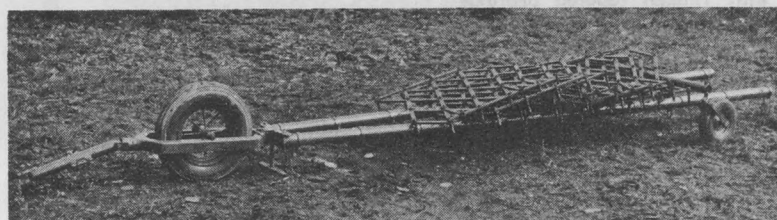
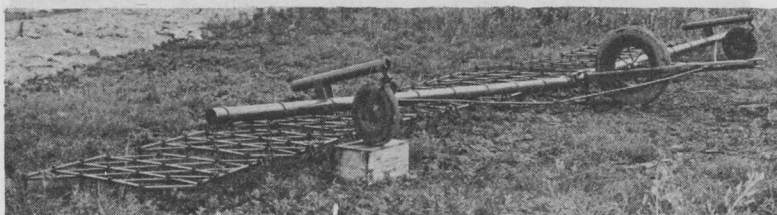
Inland Folding Harrow Drawbar

FULLY FLEXIBLE

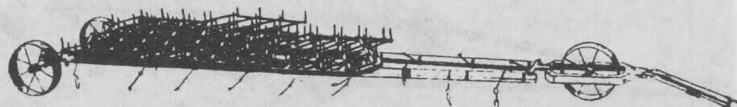
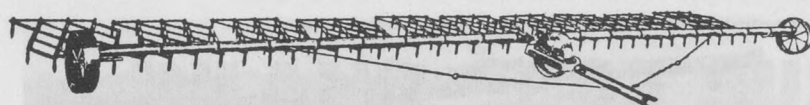
with PNEUMATIC-TIRED CASTORING ARM WHEELS

MODEL C-12 — For 8 Section Flexible or 12 Section Diamond
Less centre tire and tube

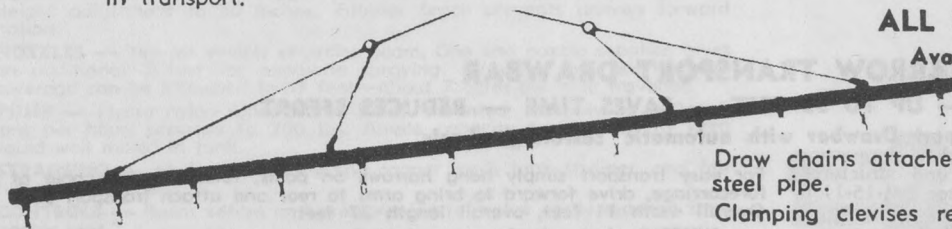
MODEL C-10 — For 6 Section Flexible or 10 Section Diamond
Less centre tire and tube



Quickly folded to six-foot width for easy transport. Wagon type flexible tongue for smooth, easy trailing when folded. Forecarriage design permits very short turns in transport.



Quickly folded to five-foot width for easy transport. Wagon type flexible tongue for smooth, easy trailing when folded. Forecarriage design permits very short turns in transport.



This NEW, IMPROVED drawbar licks the problem of rolling land. Fast and smooth operation — saves time and money.

Designed and built to withstand the toughest field conditions.

Flexibility in arms permits all wheels to follow the contour of the land — an advantage on flat land, a necessity on rolling land.

Castoring arm wheels make short, smooth turns possible. Pressure grease lubricated; fitted with felt grease seals and dust caps.

Timken Tapered Bearings and Spring Backed Seals on centre wheel absorb load and side thrust without wear to axle. They keep grease in, dust and dirt out.

Low setting 3½" pipe arms. Clevises can be positioned for any drag harrow.

MODEL S-10 Draws 10 Diamond or 6 Flexible Harrows
Choice of Flat Steel Rims or Drop-Centre Rims
Fits Standard 15" or 16" Tires

| Stock No. | Factory List | Freight to Saskatoon | List F.O.B. Saskatoon |
|--------------|--------------|-------------------------|--------------------------|
| 565-9B089211 | 134.50 | 3.35 | \$137.85 |

Less tires and tubes

MODEL S-12 As above, but draws 12 Diamond or 8 Flexible Harrows

| Stock No. | Factory List | Freight to Saskatoon | List F.O.B. Saskatoon |
|-------------|--------------|-------------------------|--------------------------|
| 625-9B59421 | 148.75 | 5.45 | \$154.20 |

Less tires and tubes

- Fully flexible arms allow all wheels to follow contour of land.
- Timken Tapered Bearings and Spring Backed Seals in all wheels (as illustrated) absorb load and side thrust without wear to axle. Grease stays in, dust and dirt are kept out.
- Can be operated with arms 12 inches or 6 inches above ground.
- Clevises can be positioned for any drag harrow.
- Engineered to provide maximum strength, with dead weight eliminated where not needed.

ALL STEEL HARROW DRAWBARS

Available in the following sizes: Four Section Flexible
Six Section Diamond

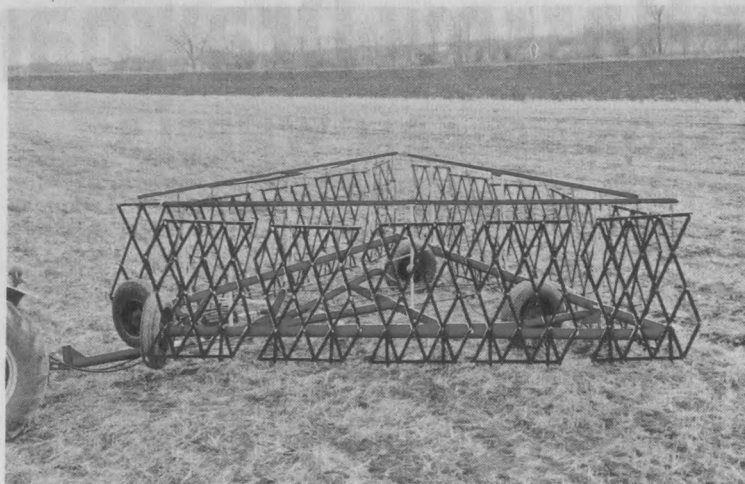
Draw chains attached to bar by steel clamping clevises. Made from 3" steel pipe.

Clamping clevises readily re-positioned for use with any drag harrow.

| TRACTOR-DRAWN HARROW DRAWBARS | Stock No. | Factory List | Freight to Saskatoon | List F.O.B. Saskatoon |
|--|------------|--------------|-------------------------|--------------------------|
| 4 section flexible — 3" steel pipe | 150-9B0252 | 30.00 | 1.35 | \$31.35 |
| 6 section diamond — 3" steel pipe | 150-9B0252 | 30.00 | 1.35 | \$31.35 |

ALL PRICES F.O.B. SASKATOON

INLAND HYDRAULIC HARROW DRAWBAR



HARROWS raised hydraulically for field operation and for transport.

ARM WHEELS lifted from ground hydraulically for transport.

HARROWS safety-locked for storage in transport.

MODEL H-15—for 15 diamonds (50' cut) or 10 flexible harrows (50' cut).
H-13—for 13 diamonds (43' cut) or 9 flexible Harrows (45' cut).

FORECARRIAGE—strongly constructed from 3" tubing and structural channel. Sturdily braced to withstand the force exerted by hydraulic cylinder. Wheels spaced at 86 inches. Overall dimensions are length 16' 6", width for H-15, 18' 4" and H-13—15'

HARROW ARMS—made from 3" pipe Fully flexible to allow harrows to work rolling land. Braced to forecarriage by steel cable.

WHEELS—all four wheels are automotive demountable disc wheels with Timken tapered bearings.

HARROW lifting frames are sturdily made and truss braced to give long service.

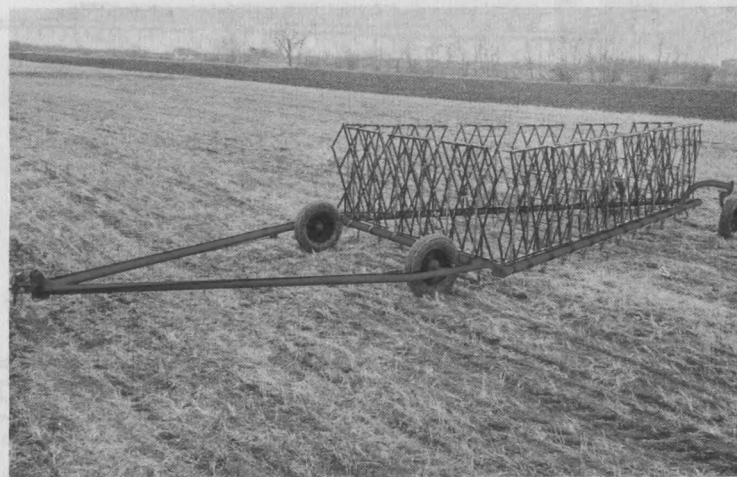
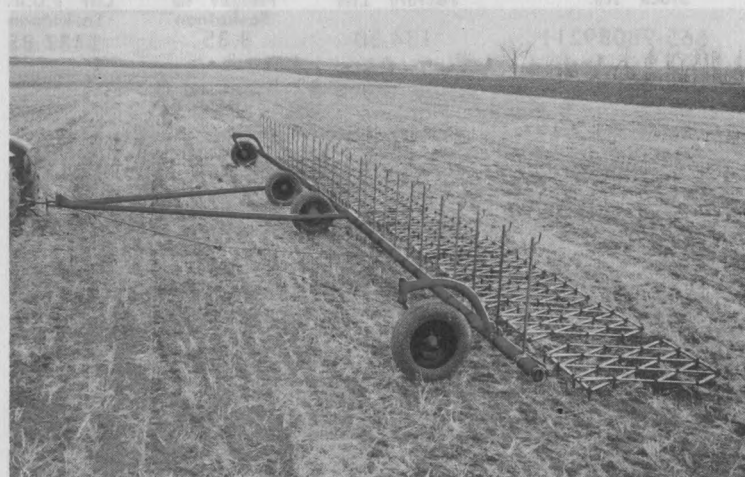
Standard 3½" Farm cylinder with minimum of 8" stroke will operate the drawbar.

Outfit made ready for transport quickly by raising harrows to vertical position. Safety-locking linkage with a single pin at cylinder, rolling arms forward on the big automotive wheels, raising arms off the ground hydraulically—the outfit is ready to travel.

To disconnect tractor from drawbar simply lower arm wheels to ground. With linkage safely-locked there can be no collapse of harrows or injury to persons.

| | Weight Lbs. | Stock No. | Fcty. List | Freight to S'toon | List F.O.B. S'toon |
|------------------------------------|----------------|---------------|------------|-------------------------|--------------------------|
| H-15 —Less Tires & Tubes | 1190 | 1966-10B21393 | 468.00 | 16.66 | 484.66 |

| | Weight Lbs. | Stock No. | Fcty. List | Freight to S'toon | List F.O.B. S'toon |
|------------------------------------|----------------|---------------|------------|-------------------------|--------------------------|
| H-13 —Less Tires & Tubes | 1120 | 1793-10B86853 | 427.00 | 15.68 | 442.68 |



INLAND HARROW TRANSPORT DRAWBAR

GIVES WIDE COVERAGE — UP TO 55 FEET — SAVES TIME — REDUCES EFFORT

Manual transport Drawbar with automatic castoring wheels.

FORECARRIAGE—strongly constructed from 3" pipes and structural angle. Wheels spaced at 72 inches. Overall width of forecarriage DM-15—11.1 feet, DM-13—5 feet.

HARROW ARM—made from 3" pipe supported by fully castoring automotive wheel. Full flexibility in arm allows drawbar to follow contour of land.

ARM BRACE is steel cable.

For easy transport simply hang harrows on posts, release brace cable at forecarriage, drive forward to bring arms to rear and attach transport bar. Overall width 11 feet, overall length 27 feet.

WHEELS—four wheels are automotive demountable disc wheels with Timken tapered bearings.

Harrows are drawn by combined clevis and transport post which can be positioned to suit any drag Harrow.

| | Weight Lbs. | Stock No. | Fcty. List | Freight to S'toon | List F.O.B. S'toon |
|-------------------------------------|----------------|---------------|------------|-------------------------|--------------------------|
| DM-15 —Less Tires & Tubes | 1052 | 1474-10B48492 | 351.00 | 14.73 | 365.73 |

| | Weight Lbs. | Stock No. | Fcty. List | Freight to S'toon | List F.O.B. S'toon |
|-------------------------------------|----------------|---------------|------------|-------------------------|--------------------------|
| DM-13 —Less Tires & Tubes | 976 | 1302-10B04062 | 311.00 | 13.66 | 324.66 |

THE Inland "THREE-IN-ONE"

(1) HARROW DRAWBAR

(2) FIELD CROP SPRAYER

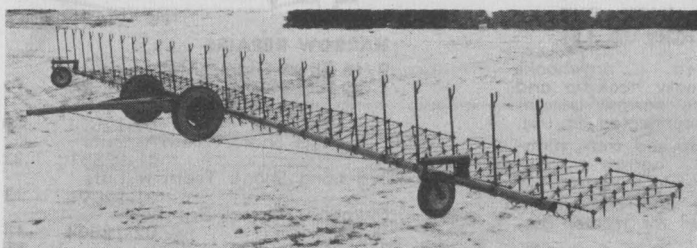
(3) TRAILER

This implement comes ready for use as a field crop sprayer or harrow drawbar. Quickly and easily converted.

● INCREASES COVERAGE AS HARROW DRAWBAR

● REDUCES EFFORT AS FIELD CROP SPRAYER

● SAVES TIME



MODEL DHT-11—For 11 diamond or 7 flexible harrows.

MODEL DHT-13—For 13 diamond or 9 flexible harrows.

★ Heavy forecarriage; wheels 6 feet apart for strength and stability.

★ Full flexibility in arms allow wheels to follow contour of land.

★ Forecarriage has automotive wheels fitted with Timken tapered bearings. Castoring arm wheels have roller bearings and felt dust seals; pressure grease lubricated.

★ Low setting 3½" pipe arms. Combined clevis and transport post can be positioned to suit any drag harrow.

★ Tires and tubes supplied for castoring arm wheels only.

INLAND 3 IN 1 IMPLEMENT (Combination Sprayer-Drawbar)

Model D-13—P.T.O. Drive—48 foot spray coverage

13 diamond or 9 flexible harrows with transport posts 4.00x8" tires and tubes for castoring wheels supplied with 15" wheels less tires and tubes —985 lbs.

2086-11B61714. Factory List \$499.00. Frght. \$13.80. F.O.B. S'toon **\$512.80**

Model D-11—P.T.O. Drive—38 foot spray coverage

11 diamond or 7 flexible harrows with transport posts 300x8" tires and tubes for castoring wheels supplied with 15" wheels, less tires and tubes —875 lbs.

1974-11B08493. Factory List \$470.00. Frght. \$12.25. F.O.B. S'toon **\$482.25**

DRAWBAR ONLY—D-LINE

Model DHT-13—13 diamond or 9 flexible harrows. With transport posts, 4.00x8" tires and tubes for castoring wheels and 15" auto wheels—710 lbs.

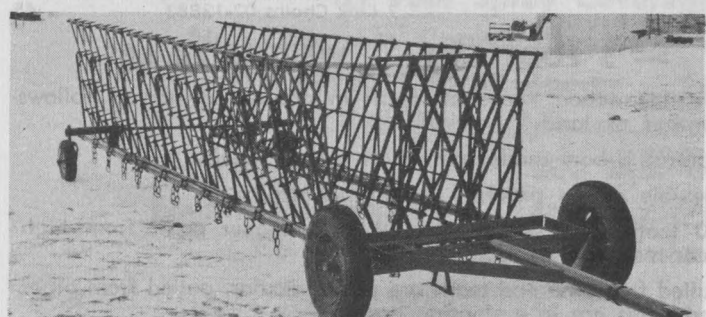
1147-11B23922. Factory List \$273.00. Frght. \$9.95. F.O.B. S'toon **\$282.95**

Model DH-11—11 diamond or 7 flexible harrows. With transport posts, 4.00x8" tires and tubes for castoring wheels and 15" auto wheels—635 lbs.

1067-11B63312. Factory List \$254.00. Frght. \$9.90. F.O.B. S'toon **\$263.90**

Transport Post only
Stk. No. 10-11B202

List **\$2.40**



C-6600 Hydro pump, P.T.O. mounted, corrosion resistant, 600 gallons per hour. Pressure up to 200 lbs.

Tee-Jet eyelet boom nozzles and one headland nozzle.

Copper, non-corrosive, whip free, fully protected. Height adjustment to 30 inches.

Four-point straining, with copper mesh tank strainer and felt filter line strainer.

Galvanized steel, 200 U.S. gallon capacity. Marked for easy measuring of liquid.

Attachment available as an extra.

INLAND SB43 SUPPORTED BOOM CROP SPRAYER

Supported flexible boom with castoring wheels follows the contour of the land and keeps the nozzles at an even height.

43-FOOT COVERAGE GETS THE JOB DONE QUICKLY, ECONOMICALLY

FORECARRIAGE — Strongly constructed, equipped with automotive disc wheels and Timken tapered bearings. Tongue of forecarriage adjustable for height. Wheels 5 feet apart for sure stability.

CARRIER ARMS — Supported by full castoring 4:00 x 8 wheels; tires and tubes supplied. Dust-sealed roller bearings.

TANK — Galvanized steel, 200 U.S. gallon capacity. Marked for easy measuring of liquid. Cushioned on wood set in trailer frame.

BOOMS — Non-corrosive copper pipe mounted in angle iron, whip free. Height adjustment to 30 inches. Tubular brace prevents uneven forward motion.

NOZZLES — Tee-Jet eyelet; encircles boom. One end nozzle supplied gives an additional 7 feet for headland spraying. By using two and nozzles coverage can be increased to 57 feet—about 7 acres per mile travelled.

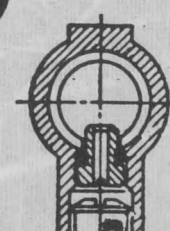
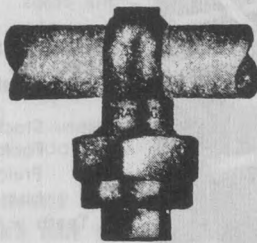
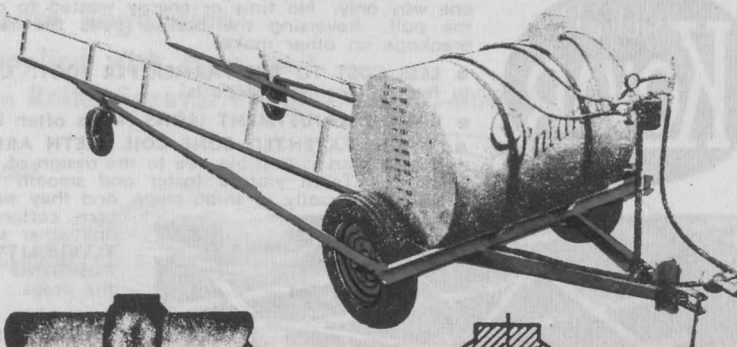
PUMP — Hypro nylon roller pump, P.T.O. mounted, capacity to 600 gallons per hour, pressure to 200 lbs. Ample capacity for by-pass to keep liquid well mixed in tank.

STRAINING — At 4 points, including copper mesh tank strainer, and felt filter line strainer.

CONTROLS — Boom valves and pressure control valve easily reached from tractor seat.

TRANSPORTING — Folds in a jiffy to 5 foot width for travel.

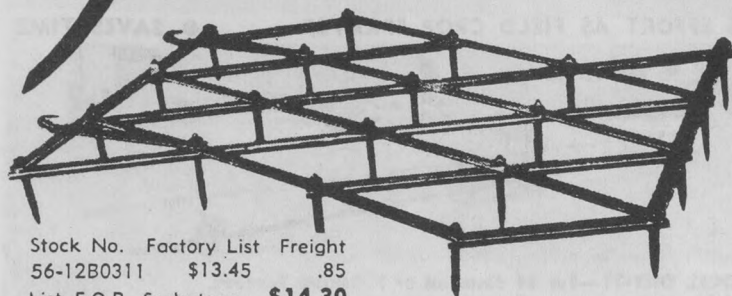
| | | | | |
|--|---------------|--------------------------------------|---------|-----------------|
| | Stock No. | Factory List | Freight | List F.O.B. |
| | 1575-11B00513 | \$375.00 | \$10.35 | \$385.35 |
| | | 15" wheels less tires and tubes. | | |
| | | Aluminum Tank in lieu of Galvanized. | | |
| | 210-11B0023 | \$50.00 | \$1.00 | \$51.00 |



THE MOST ECONOMICAL SPRAYER TO BUY IN TERMS OF SPRAYING RESULTS, SPEED OF APPLICATION, AND LIFE OF EQUIPMENT

ALL PRICES F.O.B. SASKATOON

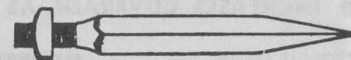
Inland Drag Harrow Sections



Stock No. Factory List Freight
56-12B0311 \$13.45 .85
List F.O.B. Saskatoon **\$14.30**

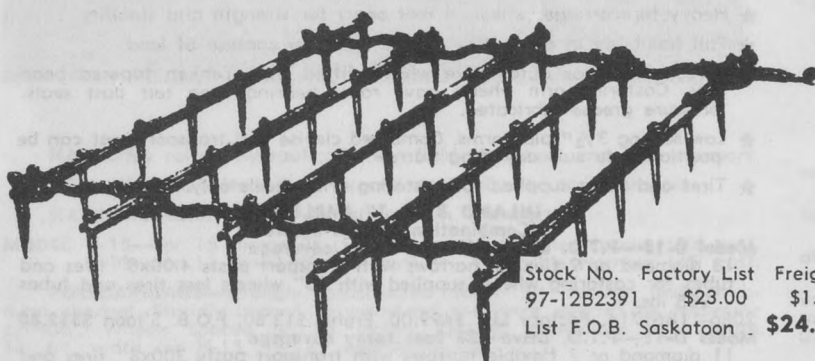
DIAMOND HARROW 40 INCH CUT WEIGHT 60 LBS.

Improved drawhooks make easy hook-up and prevents harrow becoming disconnected in use. Teeth forged from high-carbon harrow tooth steel, 20 to a section. Weight and construction designed for tractor use.



HARROW REPAIRS

| | | |
|-------------------------------|----------|-----|
| 9/16 Short Shank Teeth w/nuts | 01-12B61 | .19 |
| 9/16 Long Shank Teeth w/nuts | 01-12B71 | .20 |
| 5/8 Short Shank Teeth w/nuts | 01-12B81 | .22 |
| 5/8 Long Shank Teeth w/nuts | 01-12B91 | .23 |
| Diamond Harrow Drawhooks | 02-12B04 | .48 |
| 3 Link Chains | 01-12B92 | .35 |
| 7 Link Chains | 02-12B83 | .45 |



Stock No. Factory List Freight
97-12B2391 \$23.00 \$1.00
List F.O.B. Saskatoon **\$24.00**

— 5 FOOT CUT — WEIGHT 70 LBS.

Flexible action keeps all teeth in ground as harrow follows contour of land.

Lateral U-bars made from high carbon steel.

Flexible action prevents build-up of trash.

40 teeth to a section, forged to a dagger point from high wear-resistant steel.

Pulled from one end teeth are perpendicular, pulled from other end teeth are in a slanting position.

Bundles compactly for easy transport or storage.



LEVER RIGI-FLEX HARROW . . . FLEXIBLE AND RIGID USE FROM THE ONE HARROW

5-FOOT CUT — WEIGHT 90 LBS.

Improved design allows harrow to be used as a flexible or rigid harrow and keeps all teeth at same slant as set in 5 positions with lever.

Flexible action keeps all teeth in ground as harrow follows contour of land and prevents build-up of trash.

U-bars and harrow teeth are high carbon steel.

Gives very thorough coverage over the 5-foot cut with 40 teeth spaced at 1 1/2" intervals.

Lever held by trouble free spring lock catch.

Makes into compact bundle for easy transport or storage.

COIL SPRING HARROWS

● **ADJUSTABLE FRONT PULL HOOKS** to regulate height for weeding or to lower for breaking clods and smoothing. They help drive the teeth deeper into the ground when necessary.

● **LEVERS WITH HAIR PIN COTTERS FOR QUICK AND POSITIVE ADJUSTMENT.** Positively cannot loosen as with spring levers. 5 working positions. Pull from one way only. No time or energy wasted to change sections, around to reverse the pull. Reversing the harrow pulls the teeth wrong and causes excessive breakage on other makes.

● **LESS COST TO THE FARMER PER FOOT.** Upkeep on a Kovar is cheaper due to less replacement of parts!

● **BOLTED ADJUSTMENT IRONS** (welds often break).

● **KOVAR PATENTED CONE COIL TEETH ARE FAR SUPERIOR** because a 360° working radius is possible due to the design of the coil. Cone Coil Teeth vibrate faster and smooth faster. They are more gentle for weeding, especially in small crops, and they weed cleaner. They can be used in corn, cotton, potatoes, soy beans, sugar beets and other small vegetables.

FLEXIBILITY IN ALL DIRECTIONS AND POSITIONS causes the teeth to follow around the crops.

● **CROSS BRACING SO THE HARROW REMAINS IN STRAIGHT WORKING POSITION.** This is the first harrow on the market on which the teeth cannot track.

Stock No. 215-12B9034

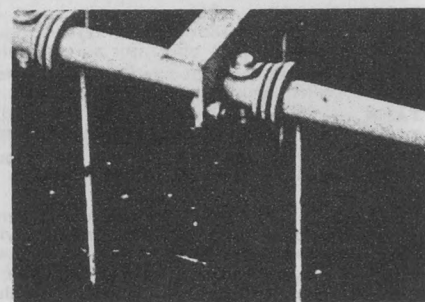
Factory List \$51.30

Freight \$6.00

List F.O.B. Saskatoon **\$57.30**

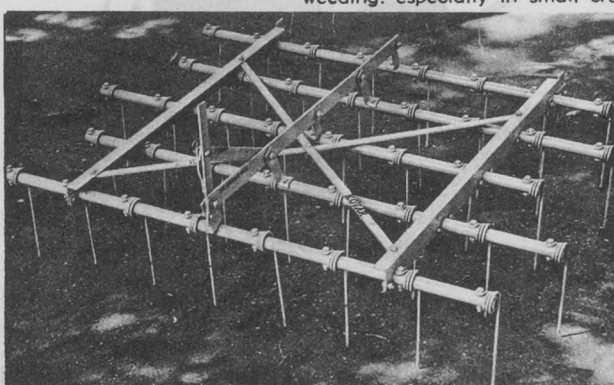
Teeth w/bolt and nut 03-12B76 .80

Teeth 9/32" diameter x 10" tines.
Cone coil Tooth section—5 ft. 5 in., 117 lbs.

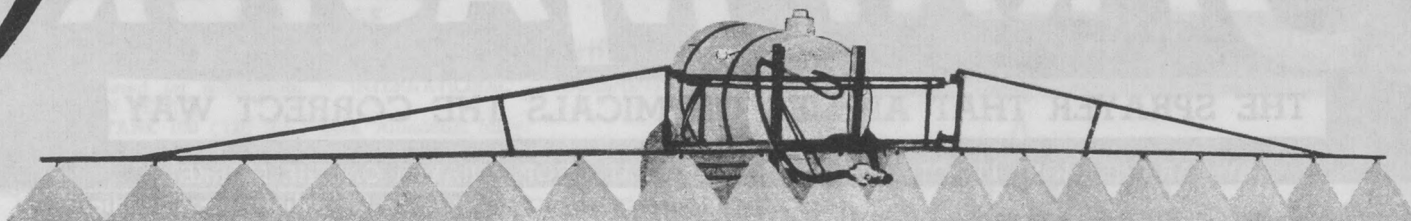


The only Coil Harrow Tooth on the market that is not distorted by flexing from side to side, forwards or backwards.

TEETH—All styles of teeth are made from Spring Steel, Heat Treated and Oil Tempered. 40 teeth per section, securely bolted and evenly spaced to harrow every inch of ground. They remain sharp and penetrate the under-soil, each tooth working separately. They can be set straight or slanted. Guaranteed for one season against breakage under normal use.



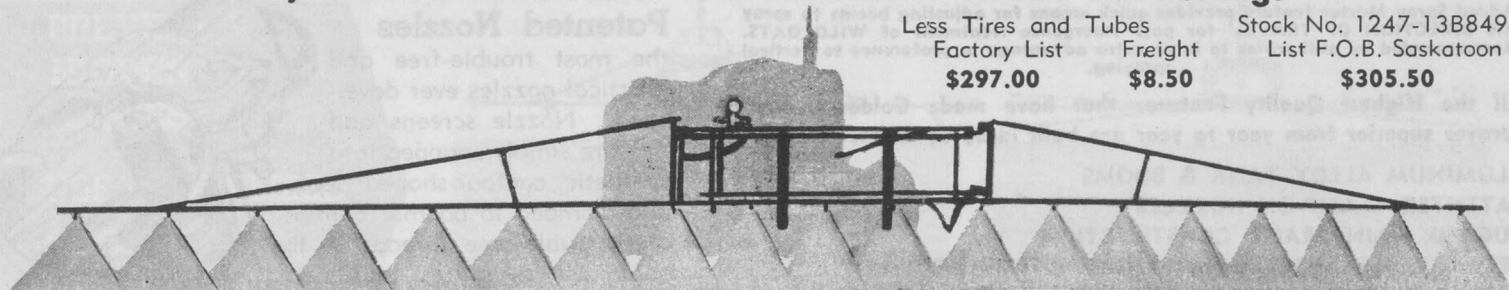
Inland Sprayers



MODEL "TT"

32 Foot Spray Coverage Plus 8' Extra Headland Coverage
Non-Corrosive Copper Booms — Eyelet Tee-Jet Nozzles with Renewable Tips
Whip-Free Copper Booms — Fully Protected — With Height Adjustment
Full Boom Release for Obstruction and Automatic Return
200 U.S. Gallon Galvanized Tank
Four Point Filtering — Large Capacity PTO Pump — Automatic Pressure Regulation
Heavy Structural Steel Trailer with Automotive Wheels and Bearings

| | |
|----------------------|-------------------------|
| Less Tires and Tubes | Stock No. 1247-13B84942 |
| Factory List | List F.O.B. Saskatoon |
| \$297.00 | \$8.50 |
| | \$305.50 |



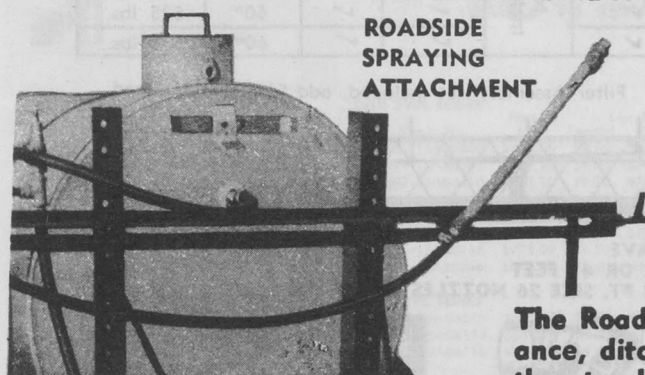
MODEL "T"

| | | |
|-----------------|---------------|------------------------|
| Factory List | Freight | Stock No. 651-13B02031 |
| \$155.00 | \$3.45 | List F.O.B. Saskatoon |
| | | \$158.45 |

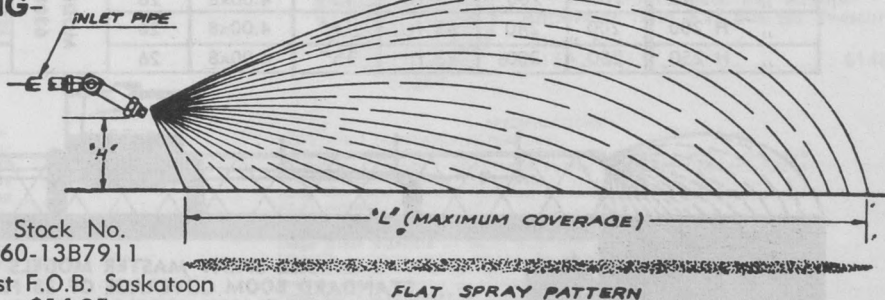
Low Cost — High Value

Copper Booms — Eyelet Tee-Jet Nozzles with Renewable Tips
32 Foot Spray Coverage Plus 8 Feet of Extra Headland Coverage
Whip-Free Copper Booms — Fully Protected — Height Adjustment
Full Boom Release for Obstruction and Automatic Return
Folds to 6'6" for Transport
Three Point Filtering — Large Capacity PTO Pump
Automatic Pressure Regulation
1—Headland nozzle supplied with each unit
Supplied with 3/4" long-life Hypro Nylon Roller Sprayer Pump, Model C-6600

ROADSIDE SPRAYING—



ROADSIDE SPRAYING ATTACHMENT



Stock No. 60-13B7911
 List F.O.B. Saskatoon
\$14.25

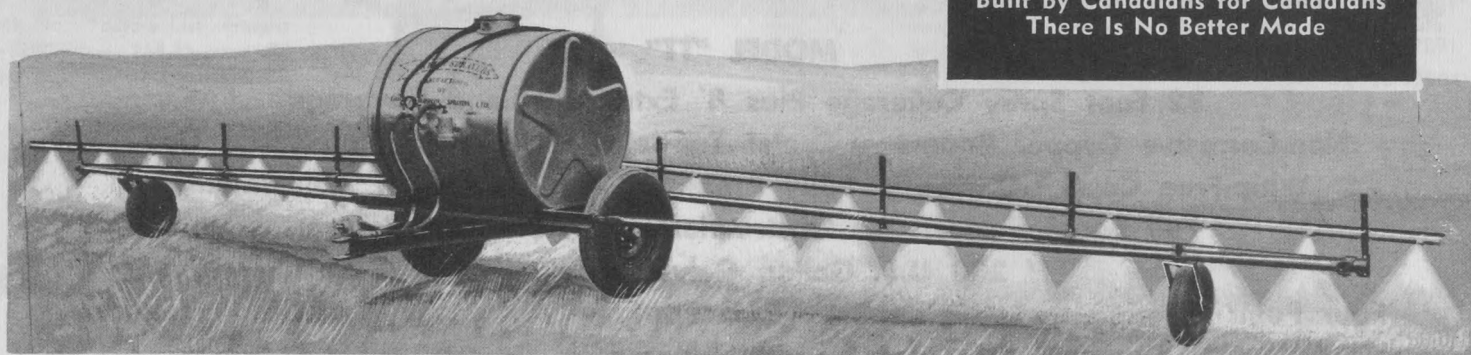
The Roadside attachment is available as an extra for use along road allowance, ditches or banks not accessible to booms. This attachment mounts on the standard Controls, can be swung to either side, and will give coverage up to 25 feet.

GOLDEN ARROW SPRAY MASTER

THE SPRAYER THAT APPLIES CHEMICALS THE CORRECT WAY

BY FAR THE MOST PRACTICAL AND ECONOMICAL CROP SPRAYER ON THE MARKET

Built by Canadians for Canadians
There Is No Better Made



Added Spray Master feature provides quick means for adjusting booms to spray 'IN DIRECTION OF TRAVEL' for post emergence treatment of WILD OATS. Recommended by authorities to have extra advantage in preference to vertical spraying.

All the Highest Quality Features that have made Golden Arrow Sprayer superior from year to year are built in Spray Master models

ALUMINUM ALLOY TANK & BOOMS

PATENTED CLAMP-ON NOZZLES

RUGGED MAIN FRAME CONSTRUCTION

RETRACTABLE TYPE BOOM FRAME ASSEMBLIES WITH

CASTER WHEELS EQUIPPED WITH 4.00x8 TIRES & TUBES

NO RUST PROBLEMS WITH SPRAY MASTER

Spray Master with two-piece booms made from high-grade Aluminum Alloy, are adjustable for height, also feature means to REVOLVE BOOMS for spraying from VERTICAL through to HORIZONTAL position which has excellent merit for treating high growth, reducing DRIFT HAZARD that would occur at high-boom settings. SPRAY MASTER also features Aluminum Alloy Tank Valve Manifold, Line Filter and Exclusive Clamp-on Nozzles, assuring permanent freedom from troubles caused by rusting. The sound principles of Arrow design are recognized by leading authorities to include the most modern and practical improvements that are essential to the trouble-free and accurate application of chemicals.

Patented Nozzles

the most trouble-free and practical nozzles ever developed. Nozzle screens and tips are simply snapped into synthetic contour-shaped seal and clamped to boom. Eliminates troublesome threads in the boom — simplifies alignment. Screens fit into interior of boom thus eliminating the sediment trap that can be so troublesome with other nozzles commonly used.



07-14A931 \$1.65

| | Stock No. | Factory List | Freight | List F.O.B. Saskatoon |
|-------------|---------------|--------------|---------|-----------------------|
| Model 33 | 1672-14A23433 | \$398.00 | \$9.39 | \$407.39 |
| Model 43 | 1787-14A24753 | \$425.50 | \$9.98 | \$435.48 |
| Model H-200 | 2037-14A04704 | \$485.00 | \$11.00 | \$496.00 |
| Model H-250 | 2247-14A04944 | \$535.00 | \$11.24 | \$546.24 |

All Less Tires and Tubes

| SPECIFICATIONS | | | NOTE — All Units shipped with No. 650067 Nozzle Tips unless otherwise specified. | | | | | | | | | | |
|----------------|-----------------|------------|--|---------------------------------------|------------------------------------|---|----------------------------|-------------------------------------|--------------------------------|--|------------------------|---------------------------|------------------|
| | Alum. Tank Size | | Alum. Boom Coverage | Trailer Wheels | Castor Wheels | Nozzles Used | Hypro Pump | Line Filter | Suction Filter Assem. | Pressure Regulator | Boom Control | Axle | Weight (Approx.) |
| SPRAY MASTER | Imperial Gals. | U.S. Gals. | Add 10 ft. If End Nozzles Are Used | Disc. Type Equipped W/Timken Bearings | Equipped with 4.00x8 Tires & Tubes | Clamp-on Type, Std. Equipped No. 650067 | P.T.O. Drive Nylon Rollers | Aluminum Body with Stainless Screen | Complete with 15 ft. 3/4" Hose | Spring loaded Provides Bi-Pass Agitation | Individual-Boom Valves | 1 3/4" Square Full Length | |
| MODEL 33 | 166 | 200 | 33 ft. | 15" | 4.00x8 | 20 | MODEL 6300 | ✓ | Not Included | ✓ | ✓ | 54" | 485 lbs. |
| " 43 | 166 | 200 | 43 ft. | 15" | 4.00x8 | 26 | | ✓ | | ✓ | ✓ | 54" | 500 lbs. |
| " H 200 | 200 | 240 | 43 ft. | 15" | 4.00x8 | 26 | | ✓ | | ✓ | ✓ | 60" | 525 lbs. |
| " H 250 | 250 | 300 | 43 ft. | 15" | 4.00x8 | 26 | | ✓ | | ✓ | ✓ | 60" | 535 lbs. |



ALL SPRAY MASTER MODELS HAVE
STANDARD BOOM COVERAGE OF 33 FEET OR 43 FEET
33 FT. SIZE 20 NOZZLES (20" NOZZLE SPACING) 43 FT. SIZE 26 NOZZLES

Coverage with use of Boom Extension Nozzles 43 or 53 feet. Each mile travelled.
33 ft. covers (4 acres), 43 feet covers (5.2 acres), 53 feet covers (6.4 acres).

38-14A657—1 Pair—\$9.00



BOOM EXTENSION NOZZLES

FLAT SPRAY PATTERN

—Attach to boom ends, ideal for spraying under fences, around sloughs, etc. Each nozzle covers up to 5 feet.

Now . . . A Sprayer for Self-Propelled Swathers

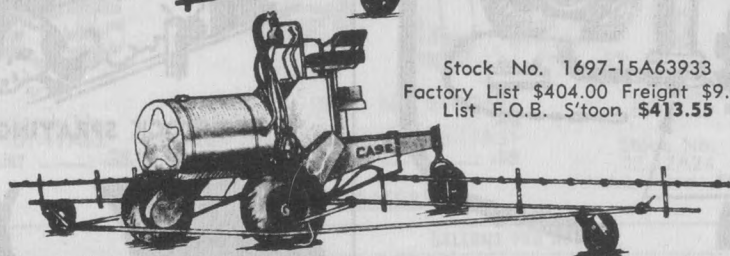
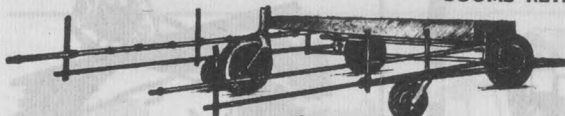
Especially Designed and Built For
COCKSHUTT - INTERNATIONAL - JOHN DEERE
J. I. CASE

(No Cutting)

(No Hole Drilling)

Specially engineered for attachment to INTERNATIONAL - COCKSHUTT
J. I. CASE - JOHN DEERE.
ALL MODELS. TANK 100 (120 U.S.) gals. Aluminum alloy.
COVERAGE—43 feet. NOZZLES—26 spaced 20" patented clamp-on type.
CASTER WHEELS—disc type with 4.00x8 tires. NYLON ROLLER PUMP
BOOMS—3 section aluminum alloy.

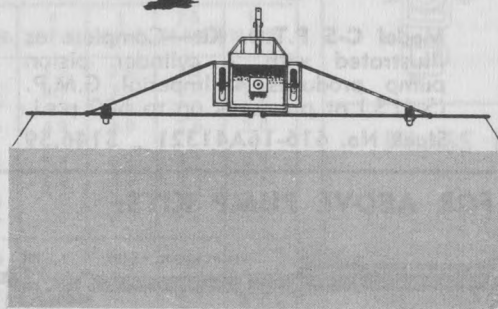
BOOMS RETRACT IN SECONDS



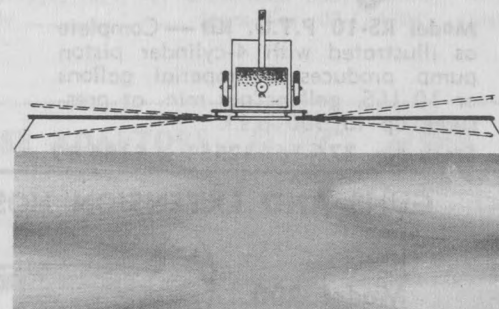
Stock No. 1697-15A63933
Factory List \$404.00 Freight \$9.55
List F.O.B. S'toon \$413.55

PREVENT
HIDDEN
LOSSES

USE STABILIZED
BOOMS FOR
UNIFORM
PATTERN



Typical Illustration of an Ideal Spray
Pattern Available from Properly
Stabilized Booms.

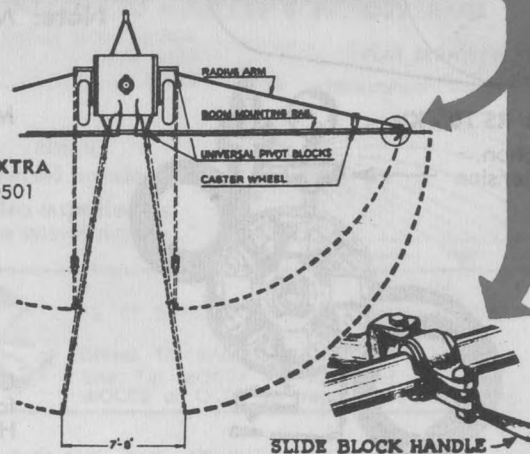


Typical Illustration of a Misapplication
Caused by Swinging Booms.



The hinge action allows the booms to work with the contour of the land
and assures the most accurate application under all field conditions.

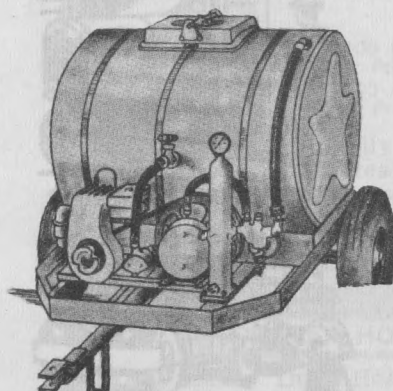
Spray Master Features QUICK CHANGE...
Boom position can be changed in seconds!



FILLER ASSEMBLY EXTRA
Stock No. 52-15A0501
List \$12.50

GOLDEN ARROW POWER SPRAYER

FEATURING THE GREATEST ADVANCE IN SPRAY PUMPS IN OVER 50 YEARS ☆ 4 CYLINDERS WITH DIAMOND HONED
CERAMIC LINERS ☆ STAINLESS STEEL VALVES AND SEATS



MECHANICAL AGITATION

Cast aluminium paddle or
propellor type agitators.

SEALED BEARING

ASSEMBLIES
SIMPLE TO SERVICE.



**PRESSURE
REGULATORS**

Stock No.
124-15A8742

List \$29.50

PRESSURE REGULATING UNLOADER VALVE MODEL H13

Cut-away view discloses the simplicity of the unloader; how
easy the valves may be examined; the pressure maintained etc.
Relieves the pump and engine from load when spray guns are
shut off.

- 1—Bi-pass opening 3/4" IPT.
- 2—Outlet to guns 3/4" IPT
- 3—Ball check valve.
- 4—Synthetic water type valve.
- 5—Single spring adjustment.
- 6—Inlet opening 3/4" IPT



MODEL RS10

4-Cylinder Piston Pump
Delivers 10 gals. per minute
Adjustable from 0 to 500 lbs. Pressure

Stock No. 622-15A23421 List \$148.00

SKID TYPE SERIES

| | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|---------------------------|---------------|-----------------|---------|-----------------------|
| PFN-4-200 (166 Imp. Gal.) | 2780-15A0655 | \$662.00 | \$8.60 | \$670.60 |
| PFN-4-240 (200 Imp. Gal.) | 2919-15A08385 | \$695.00 | \$9.05 | \$704.05 |
| PFN-4-300 (250 Imp. Gal.) | 3087-15A04716 | \$735.00 | \$9.90 | \$744.90 |

TRAILER TYPE SERIES

| | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|---------------------------|---------------|-----------------|---------|-----------------------|
| PWN-4-200 (166 Imp. Gal.) | 3024-15A08486 | \$720.00 | \$9.20 | \$729.20 |
| PWN-4-240 (200 Imp. Gal.) | 3255-15A00156 | \$775.00 | \$11.55 | \$786.55 |
| PWN-4-300 (250 Imp. Gal.) | 3414-15A29286 | \$813.00 | \$12.40 | \$825.40 |

SKID TYPE SERIES

| | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|--------------------------|---------------|-----------------|---------|-----------------------|
| PF-4-200 (166 Imp. Gal.) | 2877-15A04575 | \$685.00 | \$8.70 | \$693.70 |
| PF-4-240 (200 Imp. Gal.) | 2927-15A84585 | \$697.00 | \$8.95 | \$705.95 |
| PF-4-300 (250 Imp. Gal.) | 3087-15A04716 | \$735.00 | \$9.80 | \$744.80 |

TRAILER TYPE SERIES

| | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|-------------------------|---------------|-----------------|---------|-----------------------|
| PW4-200 (166 Imp. Gal.) | 3204-15A29046 | \$763.00 | \$11.15 | \$774.15 |
| PW4-240 (200 Imp. Gal.) | 3255-15A00156 | \$775.00 | \$11.55 | \$786.55 |
| PW4-300 (250 Imp. Gal.) | 3423-15A06486 | \$815.00 | \$12.40 | \$827.40 |

SPECIFICATIONS

NOTE THESE OUTSTANDING FEATURES:

Golden Arrow Piston Pump—4 cylinder model shown in photo—may also
be had in 2 cylinder model. THESE PUMPS MEET THE DEMAND FOR A
WIDE RANGE OF SPRAY CHEMICALS.

Large Line Filter— Made from cast aluminum alloy — has stainless steel
screen element.

Popular Makes of Engines— 6 HP for 4 cylinder pump, 3 HP for 2 cylinder
pump.

Large Dome Manifold— Made from cast aluminum alloy — has three
take-offs — upper section provides for large air cushion.

Pressure Gauge— 0 to 600 lbs.

Pressure Gauge Adapter— Vibration damper type.
Pump and Engine Mount— Features Screw Adjuster for simplified adjust-
ment of belts.

Pressure Regulating and Unloader Valve— Adjustable from 25 to 500
p.s.i. pressure. Facility for bi-passing back to tank — relieves pump and
engine from load when spray guns are shut off.

Main Frame— Rugged, all steel welded construction — provides for wood
insulation of tanks.

Demountable Axle and Hitch— permits changing from trailer to skid type,
or vice versa.

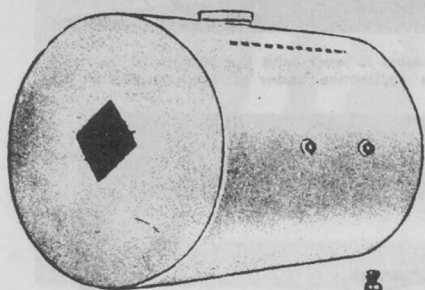
Wheels— 15" auto disc type — equipped with high speed TIMKEN bear-
ings. (Tires and tubes not included.)

Drives— All V-Belt Type.

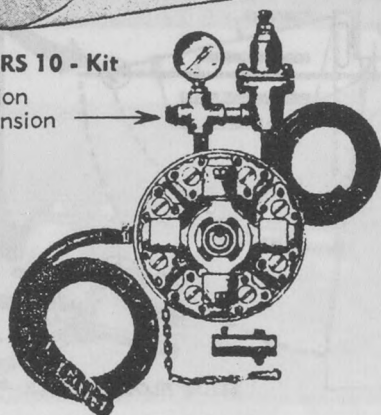
TANK— Aluminum alloy w/18" Manhole Cover.

ALL PRICES F.O.B. SASKATOON

GOLDEN ARROW ACCESSORIES



Model RS 10 - Kit
Connection
for Extension
Hose

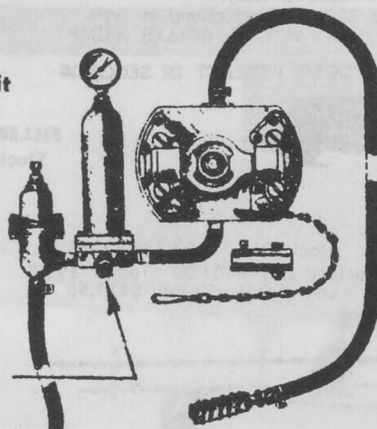


Model RS-10 P.T.O. Kit—Complete as illustrated with 4-cylinder piston pump produces 8 Imperial gallons or 10 U.S. gallons per min. at pressures up to 500 p.s.i.

Stock No. 776-16A32551 .. \$184.80

Model C 5 - Kit

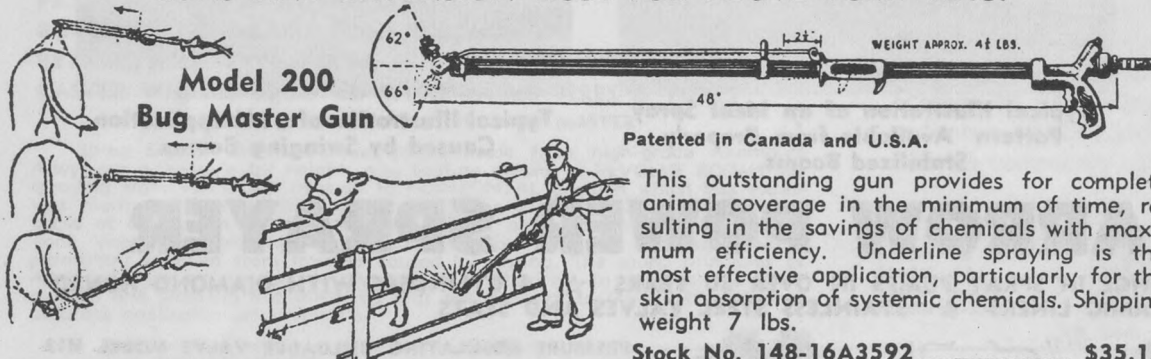
Connection
for Extension
Hose



Model C-5 P.T.O. Kit—Complete as illustrated with 2 cylinder piston pump produces 4 Imperial G.M.P. (5 U.S.) at pressures up to 500 p.s.i.

Stock No. 616-16A41321 .. \$146.59

GUNS AND EXTENSION HOSE FOR ABOVE PUMP KITS:



This outstanding gun provides for complete animal coverage in the minimum of time, resulting in the savings of chemicals with maximum efficiency. Underline spraying is the most effective application, particularly for the skin absorption of systemic chemicals. Shipping weight 7 lbs.

Stock No. 148-16A3592 \$35.15

**1/2 Inch x 800 lb.
Pressure Hose**



25' Cpld, Stk No. 77-16A7451 \$18.42
50' Cpld, Stk No. 141-16A0282 \$33.57

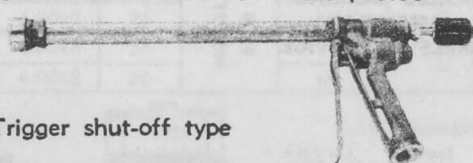
Model H-72 Spray Gun

Stock No. 47-16A339 \$11.11



Model 100 Spray Gun

Stock No. 76-16A9151 \$18.08



Trigger shut-off type

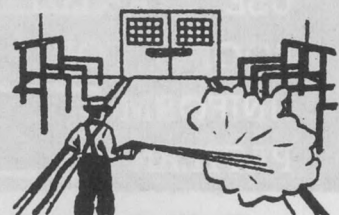
| Stock No. | List F.O.B. Saskatoon |
|--|--------------------------|
| Capacity 166 Imp. gals. (200 U.S.) | 487-16A4479 \$116.00 |
| Capacity 200 Imp. gals. (240 U.S.) | 525-16A00501 \$145.00 |
| Capacity 250 Imp. gals. (300 U.S.) | 710-16A69141 \$169.00 |
| Capacity 166 Imp. gals. (200 U.S.) Galvanized .. | 290-16A6975 \$69.00 |
| Note: Manhole Covers for Aluminum | 76-16A2151 \$18.00 |



LIVESTOCK SPRAYING



ORCHARD SPRAYING



BUILDING CLEANING



MACHINERY CLEANING



TRUCK & CAR WASHING

HESSKILL METHOLEX Stock No. 45-16A898 \$10.70 FOR SPRING AND SUMMER USE

A residual type, fly spray concentrate containing Methoxychlor with Hessenol that is recommended to control horn, house and stable flies, fleas, gnats and mosquitoes. Use on dairy or beef cattle. Mix 1 gallon with 20 gallons No. 2 fuel oil for use in cattle curriers and stock oilers. Also recommended for use in pressure spray equipment at a dilution of 1 gallon with up to 100 gallons of water. Protects up to 3 weeks or more.



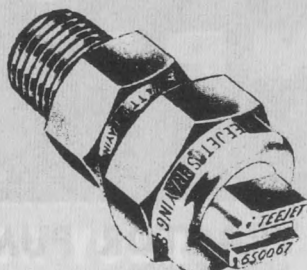
HESSKILL ROTOLEX Stock No. 53-16A8501 \$12.60 FORMULA "THIRTY" FOR FALL AND WINTER USE

Spray concentrate containing Rotenone and powerful Roten Resins with Hessenol that is recommended to control cattle grubs, lice, ticks and sarcoptic mange mites. Use on dairy or beef cattle. Mix 1 gallon with 60 gallons No. 2 fuel oil for use in backrubbers, cattle curriers, hog oiling equipment. Also excellent for use as a pressure spray mixed with water—1 gallon with 160 to 400 gallons.

Sprayer Parts and Accessories

FLAT SPRAY *TeeJet* SPRAY NOZZLES

PATENT NO.
2,621,078



TYPE 1/8TT AND 1/4TT
MALE CONNECTION

Stock No. 06-17A621
List Price \$1.50

STATE TIP AND
BODY SIZE
REQUIRED

NOZZLE REPAIR PARTS



BODY
Stock No.
01-17A82
List \$35



STRAINER



CAP

Stock No.
01-17A81
List Price .22



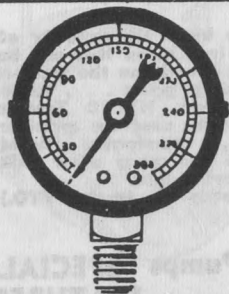
INTER
CHANGEABLE
ORIFICE TIP

Complete Stock No. 02-17A93
List Price46
Screen Only Stock No. 00-17A31
List Price15

Stock No.
02-17A24
List Price .50

AMERICAN MEASURE

| NOZZLE NO. | Liquid Pressure in p.s.i. | Capacity 1 Nozzle in G.P.M. | GALLONS PER ACRE | | | | | | |
|--------------|---------------------------|-----------------------------|------------------|----------|----------|----------|------------|-----------|--|
| | | | 2 M.P.H. | 3 M.P.H. | 4 M.P.H. | 5 M.P.H. | 7.5 M.P.H. | 10 M.P.H. | |
| 1/4T 650067 | 20 | .05 | 7.0 | 4.7 | 3.5 | 2.8 | 1.8 | 1.4 | |
| | 25 | .055 | 7.8 | 5.2 | 3.9 | 3.1 | 2.1 | 1.6 | |
| 1/4TT 650067 | 30 | .06 | 8.6 | 5.7 | 4.3 | 3.4 | 2.3 | 1.7 | |
| | 40 | .067 | 9.8 | 6.6 | 4.9 | 4.0 | 2.6 | 2.0 | |
| 100 Mesh | 50 | .07 | 11.0 | 7.4 | 5.5 | 4.4 | 3.0 | 2.2 | |
| | 60 | .08 | 12.0 | 8.1 | 6.0 | 4.9 | 3.3 | 2.5 | |
| Screen | 80 | .09 | 14.0 | 9.3 | 7.0 | 5.6 | 3.7 | 2.8 | |
| | 100 | .11 | 15.6 | 10.4 | 7.8 | 6.3 | 4.2 | 3.2 | |
| 1/4T 6502 | 20 | .14 | 21 | 14.0 | 10.5 | 8.4 | 5.6 | 4.2 | |
| | 25 | .16 | 23 | 15.7 | 11.8 | 9.4 | 6.3 | 4.7 | |
| 1/4TT 6502 | 30 | .17 | 26 | 17.2 | 12.9 | 10.3 | 6.9 | 5.2 | |
| | 40 | .20 | 30 | 20 | 14.8 | 11.8 | 7.9 | 5.9 | |
| 50 Mesh | 50 | .23 | 33 | 22 | 16.5 | 13.2 | 8.8 | 6.6 | |
| | 60 | .25 | 36 | 24 | 18.1 | 14.4 | 9.7 | 7.2 | |
| Screen | 80 | .28 | 42 | 28 | 21 | 16.7 | 11.2 | 8.4 | |
| | 100 | .32 | 47 | 31 | 23 | 18.7 | 12.5 | 9.4 | |



PRESSURE GAUGE

0-100 lbs. Stock No. 11-17A322
List Price \$2.65
0-300 lbs. Stock No. 30-17A006
List Price \$7.50

Easily read dial. 1/4" Male Pipe Thread connection. Gives you accurate reading of spraying pressure at all times.



Flexible Heavy Duty Hose, highly resistant to agricultural chemical solutions. Does not crack or deteriorate for many seasons. Burst strength four times working pressure.

1/2" Spray Hose, per foot Stock No. 01-17A81 List Price .22
3/4" Spray Hose, per foot Stock No. 02-17A43 List Price .40



6815 1/2" pressure alum. valve Stock No. 24-17A974 List Price \$5.70
6815 1/2" pressure Brass Valve Stock No. 29-17A175 List Price \$6.80
6815 3/4" pressure Brass Valve Stock No. 34-17A586 List Price \$8.15

Accurately maintains desired pressure in boom lines. Ends chemical waste resulting from excessive application. Exclusive stainless steel, double spring design gives proper operation from low to high pressure range.



EYELET

Stock No. List Price
Nozzle complete 06-17A621 \$1.50
Eyelet body 02-17A2450
Eyelet cap 01-17A8122
Eyelet lock screw 00-17A3115
Eyelet tip 02-17A2450
Eyelet cup screen 01-17A8122

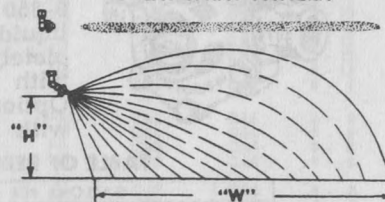
HEADLAND NOZZLES 6 FT. COVERAGE

5540 Single Swivel Head Nozzle
Stock No. 17-17A643
List Price \$4.12

FLAT SPRAY PATTERN



single
swivel nozzle 5540
... also supplied as
double swivel nozzle.



Stock No. List Price
1/4 TT Straight Headland Nozzle w/offset tip 10-17A791 \$2.35
Offset Tip only 06-17A311 \$1.35
Use Tip #OC04 for headland spraying. Use Tip #OC02 or OC03 for regular field spraying.



7421-1/2T, -3/4T, -1T Clamp and Body Assembly, with brass body Stock No. 09-17A781 List \$2.23

BRASS HOSE ADAPTORS



Stock No. List Price
No. 57433 1/2" Pipe-3/4" GHT (male) 03-17A0560
No. 57435 3/4" Pipe-3/4" GHT 03-17A5565
Hose Coupling 1/2" (set) 02-17A6455
Hose Coupling 3/4" (set) 03-17A5565

BRASS HOSE INSERTS



Stock No. List Price
3/8" Pipe-1/2" Hose 03-17A5565
1/2" Pipe-1/2" Hose 03-17A5565
1/2" Pipe-3/4" Hose 03-17A9570
1/2" Faucet Valve with Garden Hose End 06-17A621 \$1.50



AGRICULTURAL
FILTER

FILTER

EDCO S-252-A (Filter) and S-252-S (Strainer) are designed to protect all type spray rigs from interruption of service due to clogging. High tensile strength aluminum is used in producing the castings—the results—a light weight sturdy unit.
S-252-A EDCO Filter contains a throw-away felt cartridge while the S-252-S contains a monel wire cloth cartridge, both are interchangeable within the same assembly. The interchangeable feature necessitates stocking only additional internal cartridges, thereby placing yourself in a position to either filter or strain the solution that you may be using in spraying.



Stock No. List Price
Auto Flow 400 (Filter w/Felt Cartridge) 3/8" 19-17A873 \$4.50
EDCO S252A (Filter with Felt Cartridge) 1/2" 32-17A036 \$7.50
No. 315 Felt Refill and Gasket 07-17A741 \$1.75
Gasket only 01-17A5230
Assembly Bolt 01-17A1225

SUCTION STRAINER



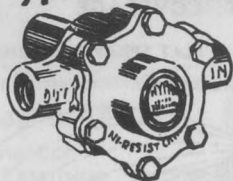
HSW - 3/4"
Stock No. 20-17A593
List Price \$4.70

All nozzles will wear in time and the Tips should be changed periodically. When Nozzle Tips become worn they will not spray with a fine mist as intended. Also they will deliver more gallons than they should. Most Nozzle Tips cost only .50 cents and should be changed with age of sprayer.

HYPRO Direct-drive, Ball-bearing TRACTOR PUMPS

Field-proven for weed spraying, pest control,
liquid fertilizing, soil fumigating.

Hypro Tractor Pump Model N7500

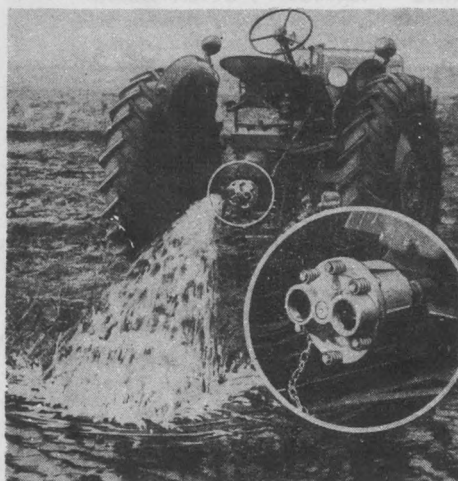


Ni-Resist 8 Nylon Roller Pump, ball bearings. Pressure Range 0-350 lbs. Works satisfactory for liquid fertilizer application Completely rust proof. Equipped with 1 3/8" PTO Adapter (1 1/8" Optional). Wt. 11 lb. Equipped with 3/4" Outlets.

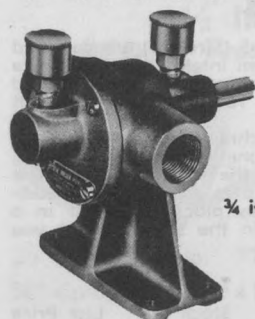
TABLE OF PERFORMANCE

| GALLONS PER MINUTE PSI | | | | | | | | | |
|------------------------|------|------|------|-----|-----|-----|-----|-----|--|
| RPM | 0 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | |
| 600 | 15 | 13.5 | 12.5 | 11 | 9.5 | 8.5 | 7 | 6 | |
| 500 | 12.5 | 11 | 9 | 7.5 | 6 | 4 | 2.5 | 1 | |
| 400 | 10 | 8 | 6 | 4 | 2 | | | | |
| 300 | 7.5 | 5 | 3 | .5 | | | | | |
| 200 | 5 | 2.5 | | | | | | | |

N7500 Ni-Resist Pump with 1 3/8" PTO Adapter
Stock No. 218-18A0634 List \$54.50
1400-1 Sleeve to Adapt above Pump on 1 1/8" PTO
Stock No. 04-18A67 List .95



- Ideal for sprinkler irrigation because high pressure assures uniform water distribution. Tougher rubber rollers specifically made for water pumping.



Model 3415 (See table 3)



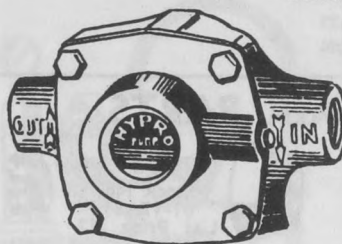
"Garden Hose"
Threaded Ports

Table 1

"Hollo-Shaft" Portable Pumps
(2 sizes)
Model B40 Model B58

HYPRO TRACTOR PUMP

SERIES 6000



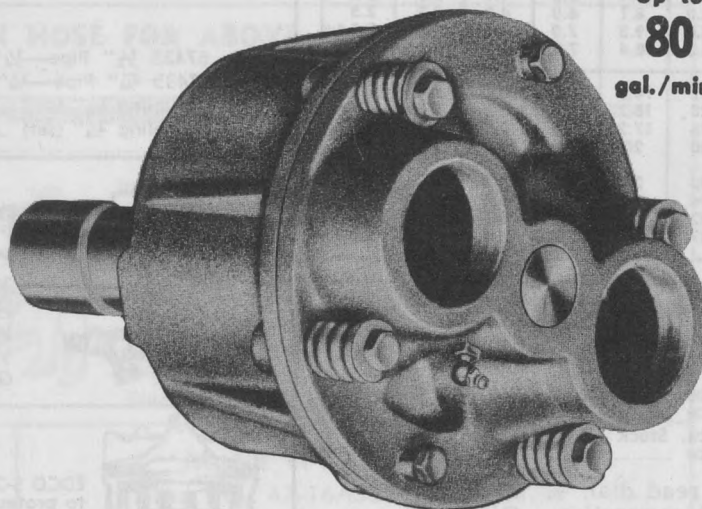
An all purpose farm spray pump available in cast iron case (No. C6200) or rust proof Ni-Resist Case (No. N6000) Nylon Rollers with stainless steel shaft. 3/4" outlets and equipped with 1 3/8" PTO Adapter (1 1/8" Adapter Optional) Pressure Range 0-200 lbs. Weight 10 1/2 lbs.

Note: With special adapter and adding "RR" to order number of pump this pump series can be used on the "IHC Cub." At 1200 RPM this pump will deliver almost 20 gal per minute at 50 lb. pressure.

C6300 3/4" Stock No. 146-18A0292 List \$36.50
C6600 3/4" Stock No. 140-18A0082 List \$35.00

NEW HYPRO HI-VOLUME TRACTOR PUMP

Up to
80
gal./min.



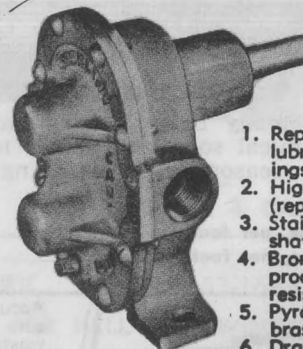
MODEL 722—BASE MODEL
MODEL 723—PTO MODEL

Stock No. 346-18A2196
List \$86.40

- Made for pumping water.
- Handles many liquids.

Now you have big capacity at low cost in a pump that can be mounted directly on the tractor. No speed-up gears... tough rubber rollers. HYPRO Tractor Pump can be used for sprinkler irrigation, transferring liquid fertilizers and many other bulk liquid moving jobs. (Fits directly on tractor PTO.)

Sterling Gear Pumps SPECIAL FEATURES



1. Replaceable self-lubricating bearings.
2. High pressure seal (replaceable).
3. Stainless steel shafts.
4. Bronze casting rust proof & corrosion resistant.
5. Pyramid tooth brass gears.
6. Drain plug.

Stock No. List
AGN 1 1/2" 99-18A0891 \$24.75
BGN 3/4" 115-18A0032 \$28.75
CGN 1" 130-18A0062 \$32.50
P.T.O. Adapter for 1 3/8" P.T.O. Shaft Size
P38 13-18A062 \$3.25
Sleeve for above to 1 1/8" P.T.O.
Shaft Size 04-18A67 .95

HYPRO FLEXROLLER

| | Stock No. | List |
|---|-------------|---------|
| No. B612 1/2" Rubber Roller Pump | 104-18A0802 | \$26.00 |
| No. B634 3/4" Rubber Roller Pump | 131-18A0262 | \$32.75 |
| No. B610 1" Rubber Roller Pump | 198-18A0693 | \$49.50 |
| No. B640 FlexROLLER (1/2" shaft) G.H.T. | 116-18A6132 | \$28.95 |
| No. B658 FlexROLLER (5/8" shaft) G.H.T. | 142-18A0482 | \$35.50 |
| Vac. on Switch | 50-18A0001 | \$12.50 |

HYPRO FLEXROTOR (RUBBER IMPELLER)—BRONZE

| | | |
|---------------------------------------|-------------|---------|
| No. 1215 1/2" Rubber Impeller | 76-18A0251 | \$19.00 |
| No. 3415 3/4" Rubber Impeller | 102-18A0402 | \$25.50 |
| No. B10 1" Rubber Impeller | 174-18A0843 | \$43.50 |
| No. B40 FlexROTOR (1/2" Shaft) G.H.T. | 101-18A0202 | \$25.25 |
| No. B58 FlexROTOR (5/8" Shaft) G.H.T. | 119-18A0832 | \$29.75 |

MB40 Hypo Model B40 Pump—Garden Hose Thread with 1/4 H.P. Electric Motor—Carrying Handle 324-18A0846 \$81.00

MB640 Same as above but with B640 FlexRoller Pump 339-18A0876 \$84.75

TFK—Tire Fill Kit—Accessories Only 64-18A0821 \$16.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Hi-Lo-Pac

**COMPLETE
CONVERSION UNIT
FOR YOUR
PRESENT TRACTOR**



Char-Lynn

CHAR-LYN REAR MOUNT PUMP KITS

HYDRAULIC KIT No. 1 (Cylinder not included)

- | | | |
|------------------------------------|---------------------------|--|
| 1—Char-Lynn E600 rear mounted pump | 2—Pioneer 5009 dust caps | |
| 1—Pump mounting kit complete | 2—1/2"x2" hose assemblies | |
| 2—Pioneer 5000 couplers | 2—1/2"x6" hose assemblies | |
| 1—Pioneer 5002 break-away clamp | 2—90° street elbows | |
| 2—Pioneer 5005 dust plugs | | |
- Stock No. 822-19E43461 List **\$200.00**

HYDRAULIC KIT No. 2

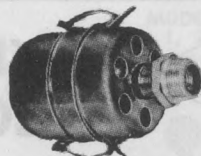
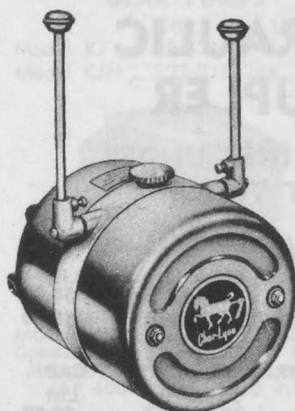
Same as Kit No. 1 but includes:

- 1—3"x8" Standard Hydraulic Cylinder
Stock No. 928-19E45581 List **\$226.50**

HYDRAULIC KIT No. 3

Same as Kit No. 1 but includes:

- 1—3-1/2"x8" Stroke Control Hydraulic Cylinder
Stock No. 1002-19E43002 List **\$245.00**



E260 Oil Bath Air Cleaner

Stock No. 29-19E775

List **\$6.95**

600 PUMP—Two complete hydraulic systems in one package—includes Pump, Valves, Reservoir, Filter and Safety Valve. Mounts on P.T.O. Operates all hydraulic farm machinery. Mounting kits available for all tractor makes and models.

Stock No. List
Model 600 Hi-Lo-Pac 533-19E35601 \$128.35
Mounting Kit
(Complete) 89-19E2771 \$21.35

CHAR-LYNN DRIVE E-162 Complete Drive

Stock No. 44-19E488 List **\$10.65**

PUMP COUPLING HALF

#20111—1 1/4"—Keyway

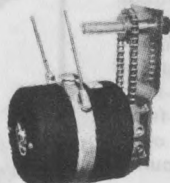
Stock No. 17-19E043 List **\$4.10**

BRACKET ONLY



Stock No. 49-19E179 List **\$11.70**

OFFSET DRIVE KIT



Stock No. 133-19E2562 List **\$31.95**

TRACTOR COUPLING HALF

- #20112—1 3/8"—6 Spline
#20113—1 1/8"—6 Spline
#20115—1 3/4"—6 Spline

Stock No. 17-19E043 List **\$4.10**

18009 COUPLING DISC

Stock No. 11-19E612 List **\$2.60**

| TRACTORS | SPLINE SIZE | BRACKET NO. | ORDER KIT NO. | SHIP. WT. LBS. OZ. |
|---|---------------|-------------|---------------|--------------------|
| ALLIS B. C | 1 1/4 | ACC | ACC | 8 - 0 |
| ALLIS CA | 1 1/4 | ACC | ACC | 8 - 0 |
| ALLIS WD | 1 1/4 | ACD | ACD | 10 - 0 |
| ALLIS UC | 1 1/4 | ACU | ACU | 10 - 0 |
| ALLIS WC | 1 1/4 (20082) | ACW | ACW | 8 - 11 |
| AVERY A (after '45) | 1 1/4 | CLH | AVA | 8 - 8 |
| AVERY A (1 1/4" Spline) | 1 1/4 | CLH | AVB | 8 - 10 |
| AVERY V | 1 1/4 | AVV | AVV | 8 - 8 |
| CASE DC | 1 1/4 | CAD | CAD | 8 - 12 |
| CASE CC | 1 1/4 | CAD | CAD | 8 - 12 |
| CASE SC (after No. 4,706,367) | 1 1/4 | CAD | CAD | 8 - 12 |
| CASE LA (after No. 4,711,871) | 1 1/4 | CAL | CAL | 8 - 8 |
| CASE L (with Long Shaft after No. 4,289,999) | 1 1/4 | CAL | CAL | 8 - 8 |
| CASE L (after No. 1,335,203) | 1 1/4 | CAL | CAL | 8 - 8 |
| CASE S. SO (after '43), 51 | 1 1/4 | CAS | CAS | 8 - 0 |
| CASE LA (before No. 4,711,872) | 1 1/4 | CAS | CAS | 8 - 0 |
| CASE L (Short Shaft before No. 4,300,000) | 1 1/4 | CAS | CAS | 8 - 0 |
| CASE D. DO, LAI, DI | 1 1/4 | CAS | CAS | 8 - 0 |
| CASE SC (before No. 4,706,368) | 1 1/4 | CAD | CAP | 8 - 14 |
| CASE S. SO (before '44) | 1 1/4 | CAS | CAQ | 8 - 2 |
| CASE RC | 1 1/4 | CAR | CAR | 8 - 8 |
| CASE VA, VAI, VAC, VAO, VC | 1 1/4 | CAV | CAV | 8 - 12 |
| COCKSHUTT Mod. 30, 40 and 50 (Co-op. E-3, E-4) | 1 1/4 | CO3 | CO3 | 8 - 12 |
| CO-OP B-2 | 1 1/4 | MH3 | COB | 9 - 4 |
| I. DEERE A with shield (after No. 523,600) | 1 1/4 | JDA | JDA | 10 - 8 |
| I. DEERE B with shield (after No. 149,700) | 1 1/4 | JDA | JDA | 10 - 8 |
| I. DEERE G, GM (after No. 43401) | 1 1/4 | JDA | JDA | 10 - 8 |
| I. DEERE A (before No. 477,000) | 1 1/4 | JDB | JDB | 9 - 12 |
| I. DEERE B (before No. 60,000) | 1 1/4 | JDB | JDB | 9 - 12 |
| I. DEERE A, B (with P.T.O. shield but small shaft) | 1 1/4 | JDA | JDC | 10 - 10 |
| I. DEERE D (after No. 109,944) | 1 1/4 | JDD | JDD | 13 - 4 |
| I. DEERE G, GM (between No. 9423 and 43400) | 1 1/4 | JDA | JDG | 10 - 6 |
| I. DEERE H (after '43) | 1 1/4 | JDH | JDH | 9 - 14 |
| I. DEERE M (with P.T.O. and Pulley) | 1 1/4 | JDM | JDM | 8 - 0 |
| I. DEERE 50, 60 | 1 1/4 | J60 | J60 | 8 - 0 |
| ALL FORD and FERGUSON, OLIVER 55 FORDSON MAJOR DIESEL | 1 1/4 | FOR | FOR | 8 - 0 |
| I.H.C. A, B, C & super C (after No. FAB39021) | 1 1/4 | IHB | IHB | 8 - 14 |
| I.H.C. H (after No. 117,999) | 1 1/4 | IHH | IHH | 10 - 8 |
| I.H.C. W-4 (after No. 9300) | 1 1/4 | IHH | IHH | 10 - 8 |
| I.H.C. O-4 (after No. 9300) | 1 1/4 | IHH | IHH | 10 - 8 |
| I.H.C. OS-4 (after No. 9300) | 1 1/4 | IHH | IHH | 10 - 8 |
| I.H.C. H (before No. 118,000) | 1 1/4 | IHH | IHH | 10 - 8 |
| I.H.C. M (after No. FBK55856) | 1 1/4 | IHI | IHI | 9 - 2 |
| I.H.C. W-6, WD-6 (after No. 7034) | 1 1/4 | IHM | IHM | 9 - 14 |
| I.H.C. O-6 (after No. 7027) | 1 1/4 | IHM | IHM | 9 - 14 |
| I.H.C. M (before No. 59857) | 1 1/4 | IHN | IHN | 9 - 8 |
| I.H.C. ID-8 | 1 1/4 | IHN | IHN | 9 - 8 |
| I.H.C. W-8, WD-8 (after No. 14400) | 1 1/4 | IH9 | IH9 | 11 - 2 |
| I.H.C. F-12, F-14 | 1 1/4 | F-12 | F-12 | 6 - 14 |
| I.H.C. Regular Farmall | 1 1/4 | F20 | F20 | 9 - 8 |
| I.H.C. Fairway | 1 1/4 | F20 | F20 | 9 - 8 |
| I.H.C. F-20 | 1 1/4 | F20 | F20 | 9 - 8 |
| I.H.C. 300, 400, MTA | 1 1/4 | IM4 | IM4 | 10 - 2 |
| I.H.C. F-30 | 1 1/4 | F30 | F30 | 9 - 12 |
| I.H.C. TD6 Crawler (with Ag. P.T.O.) | 1 1/4 | TD6 | TD6 | 8 - 0 |
| MASSEY-HARRIS 101 Jr., Sr., 102 Jr., Sr., 20, 22, 81, 82, 44, 30, 201, 202, 203 | 1 1/4 | MHU | MHU | 10 - 2 |
| MASSEY-HARRIS 55, 55 Diesel | 1 1/4 | MHS | MHS | 9 - 4 |
| M. MOLINE GYA, GT, FTA, FT | 1 1/4 | MMF | MMF | 10 - 5 |
| M. MOLINE RTU, RTS, RTN | 1 1/4 | MMR | MMR | 10 - 2 |
| M. MOLINE J, U, UTS, UTU, ZTU, ZTN, UB, ZTE, GTS, MT, KT, ZA, MTA, KYA, UB, ZS | 1 1/4 | MMJ | MMJ | 10 - 10 |
| OLIVER 60, 70, 80, 90, 99, 900, 18x28 | 1 1/4 | O80 | O80 | 8 - 4 |
| OLIVER 88, 77, 66 | 1 1/4 | O88 | O88 | 8 - 12 |
| OLIVER-CLETRAC BD, BG (with No. 50350 P.T.O.) | 1 1/4 | CLB | CLB | 9 - 6 |
| OLIVER-CLETRAC HG, TERRETRAC GT25, GT30 | 1 1/4 | CLM | CLM | 9 - 8 |
| WILLYS-JEEP (Agricultural P. T. O.) | 1 1/4 | WJA | WJA | 10 - 8 |
| CATERPILLAR D2, D4 (Agricultural P.T.O.) | 1 1/4 | CD2 | CD2 | 11 - 0 |

HIGH QUALITY CYLINDERS

C-133 WITH STROKONTROL



C-133-8 3 1/2"x8" Stroke
Stock No. 222-19E6344 List **\$53.45**
C-133-13 3 1/2"x13" Stroke
Stock No. 288-19E9675 List **\$69.50**
C-133-16 3 1/2"x16" Stroke
Stock No. 333-19E7566 List **\$80.20**

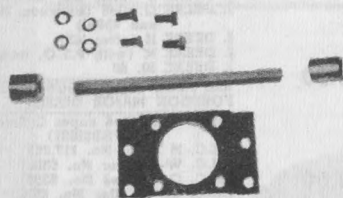
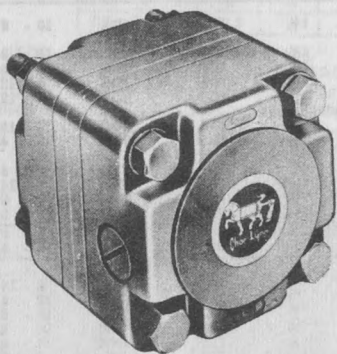
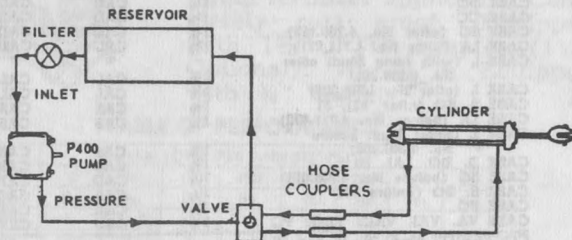
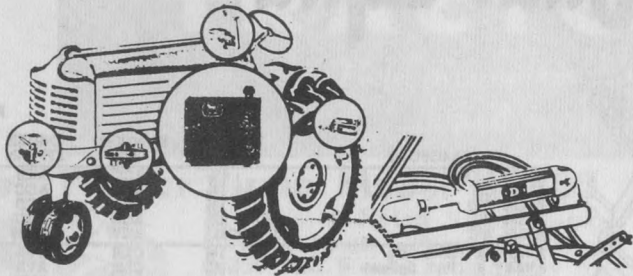
C102 LIGHTWEIGHT ALL-PURPOSE HORSEPOWER CYLINDER



C-102-8 3"x8" Stroke
Stock No. 146-19E6292 List **\$35.25**
C-102-10 3"x10" Stroke
Stock No. 155-19E4013 List **\$37.40**

Char-Lynn

COMPLETE LIVE HYDRAULIC POWER UNIT



400 PUMP — This pump gives continuous hydraulic operation on all vehicles — tractors, trucks or other equipment—at any time the engine is running. Small size permits easy mounting. Operates from 1000 to 2400 R.P.M. and delivers volume from 4 to 12 G.P.M.'s at pressures to 1500 P.S.I. Pump can be driven in either direction.

Model 400 Horsepower Pump Stock No. 288-20E9675 List \$69.50

MODEL 244 SUPPLY TANK—3 Gal. Capacity—For use with 400 Pump or any hydraulic system requiring a separate reservoir. Over-all dimensions are 15 7/8" x 16" x 4". Six universal mounting holes 3/8" in diameter are located on 4" centers 15 1/4" wide. Breather filler cap is screen packed. Tank constructed of 14 gauge welded steel construction. Baffle prevents oil slosh and foaming. Oil ports are 3/4" NPT.

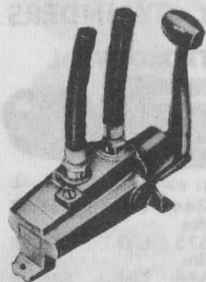
Model 244 Tank Stock No. 106-20E5212 List \$25.60



MODEL 960 HOLD-KONTROL VALVE

This valve has all the features needed for agricultural service—can be used for any job—protects system against excessive pressure and can withstand operating pressures up to 2000 P.S.I. It holds itself in operating position until cycle is completed—then returns to neutral and holds. Handles volumes from 2 G.P.M. to above 12 G.P.M. Can be mounted anywhere at convenience of operator. No special mounting brackets needed.

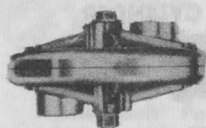
Model 960 Stock No. 111-20E6122 List \$26.70



MODEL 240 FILTER

Every hydraulic system needs a filter. Dirty hydraulic fluid can seriously damage the pump, valves and cylinders in a short time. Here are the reasons you should have the Char-Lynn Model 240. (1) The only "inline" filter designed for agricultural use. (2) Needs no special mounting brackets. (3) Easy to clean. (4) Has high filtering power with 18.8 square inches of fine brasscloth filter. Allows Full-Flow. Low Price.

Model 240 Filter Stock No. 44-20E5212 List \$10.65



CHAR-LYNN FRONT MOUNT PUMP KITS

Hydraulic Kit No. 4. (Does not include cylinder, or pump mounting kit)

- 1—P400 Char-Lynn front mounted pump
- 1—V-960 Char-Lynn control valve
- 1—F240 Filter
- 1—R244 Tank
- 1—1" x 15' Return hose
- 1—1/2" x 4' Hydraulic hose assembly
- 1—1/2" x 8' Hydraulic hose assembly
- 2—1/2" x 6' Hydraulic hose assemblies
- 1—Complete set Pioneer Break-Aways
- 1—Set of Pipe Fittings

Stock No. 826-20E12561 List \$190.74

Hydraulic Kit No. 5.

Same as Kit No. 1 but includes:

- 1—3-1/2" x 8" Stroke Control Cylinder

Stock No. 1006-20E12102 \$235.74

P-400 PUMP MOUNTING KITS

| Number Model | Tractor Make and Model | Stock No. | List |
|--------------|--|-------------|---------|
| K-302 | Ford 8N (2N and 9N with 8N front) | 133-20E6562 | \$32.00 |
| K-315 | Fordson Major Diesel | 111-20E0222 | \$26.75 |
| K-303 | Ford NAA | 133-20E6562 | \$32.00 |
| K-304 | Ferguson TO-30 | 133-20E6562 | \$32.00 |
| K-320 | Ferguson TE-20 (Canadian) | 133-20E6562 | \$32.00 |
| K-324 | Ferguson TO-35 | 133-20E6562 | \$32.00 |
| K-305 | International TD-6 and TD-9 | 89-20E6771 | \$21.40 |
| K-305 | International T-6 and T-9 | 89-20E6771 | \$21.40 |
| K-306 | International W-9 | 89-20E6771 | \$21.40 |
| K-307 | International WD-9 | 89-20E6771 | \$21.40 |
| K-308 | International Super W-6 | 89-20E6771 | \$21.40 |
| K-309 | International Super WD-6 | 89-20E6771 | \$21.40 |
| K-310 | International Super W-4 | 89-20E6771 | \$21.40 |
| K-311 | Minneapolis-Moline U, UB and B | 89-20E6771 | \$21.40 |
| K-312 | Oliver 88 | 111-20E0222 | \$26.75 |
| K-313 | Oliver 77 | 111-20E0222 | \$26.75 |
| K-314 | Oliver 66 | 111-20E0222 | \$26.75 |
| K-322 | Oliver 55 | 89-20E6771 | \$21.40 |
| K-318 | Massey Harris 44, Special 44, 44LP Row Crop Standard | 111-20E0222 | \$26.75 |
| K-321 | Massey Harris 33 | 133-20E6562 | \$32.00 |
| K-323 | Massey Harris 55 | 133-20E6562 | \$32.00 |
| K-319 | Allis-Chalmers WC, WD, WD45 Wide Front, WC Row Crop | 89-20E6771 | \$21.40 |



HYDRAULIC COUPLER

PERMITS RECOUPLING LINES UNDER
PRESSURE WITHOUT TOOLS

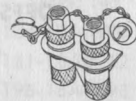
COUPLER

| | Stock No. | List |
|-----------------|-----------|--------|
| 1/2" Model 3000 | 32-20E046 | \$8.00 |
| 3/4" Model 3003 | 32-20E046 | \$8.00 |



COUPLER and SINGLE BRACKET with DUST CAP

| | Stock No. | List |
|------------------|-----------|--------|
| 1/2" Model 3001A | 38-20E667 | \$9.58 |
| 3/4" Model 3004A | 38-20E667 | \$9.58 |



2 COUPLERS and DOUBLE BRACKET with DUST CAPS

| | Stock No. | List |
|------------------|------------|---------|
| 1/2" Model 3001B | 77-20E2351 | \$19.15 |
| 3/4" Model 3004B | 77-20E2351 | \$19.15 |



SINGLE BRACKET with DUST CAP

| | Stock No. | List |
|--------------------------|-----------|--------|
| 1/2" and 3/4" Model 3005 | 06-20E421 | \$1.55 |

COUPLER MALE END

| | Stock No. | List |
|-----------------|-----------|--------|
| 1/2" Model 3010 | 15-20E003 | \$3.75 |
| 3/4" Model 3013 | 15-20E003 | \$3.75 |



DOUBLE BRACKET WITH DUST CAPS

| | Stock No. | List |
|--------------------------|-----------|--------|
| 1/2" and 3/4" Model 3006 | 12-20E842 | \$3.10 |



DUST CAPS

| | Stock No. | List |
|--------------------------|-----------|------|
| 1/2" and 3/4" Model 3007 | 02-20E83 | .48 |





CROSS ... HYDRAULIC CYLINDERS

for

- INDUSTRIAL TOOLS AND EQUIPMENT
- FARM MACHINERY
- YOUR OWN IN-PLANT USE

CROSS HYDRAULICS help cut production overhead — increase profits!

Rugged, dependable CROSS HYDRAULICS give you top-quality design . . . and power performance to fill every need for hydraulic cylinders. Immediate delivery for O. E. M. on highest-quality hydraulics—at lowest cost! Our Engineering Department will be glad to help you work out design specifications . . . without charge.

CROSS HYDRAULICS feature built-in DEPTH STOP CONTROL—designed for fast, accurate setting. Double-screw collar adjusts quickly and easily to the stroke length you need—anywhere in a range of 4½" to 8". For fast, accurate control . . . and top-flight performance—choose CROSS HYDRAULICS to do the job!

Standard Cylinder without Depth Control

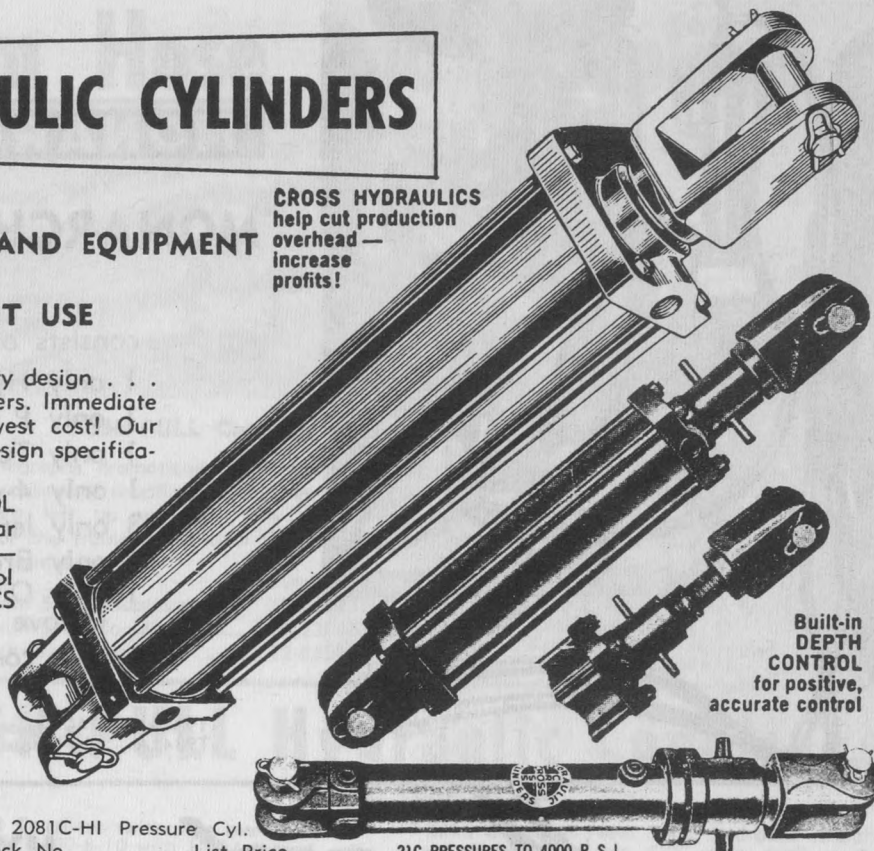
| | Stock No. | List Price |
|---|-------------|------------|
| 308U 3 inch Utility | 111-21E0222 | \$27.75 |
| Do not use 308U on high pressure systems. | | |
| 308DA 3 inch Double Acting | 125-21E6152 | \$31.45 |
| 3508DA 3½ inch Double Acting | 158-21E0613 | \$39.50 |
| 408DA 4 inch Double Acting | 174-21E0843 | \$43.50 |

Standard Cylinder with Depth Control

| | Stock No. | List Price |
|-----------|-------------|------------|
| 308C 3" | 159-21F4913 | \$39.95 |
| 3508C 3½" | 186-21E0273 | \$46.50 |
| 408C 4" | 261-21E6324 | \$52.95 |

| Stock No. | List Price |
|------------------------|------------|
| 2081C-HI Pressure Cyl. | |
| 184-21E0863 | \$46.00 |

21C PRESSURES TO 4000 P.S.I.



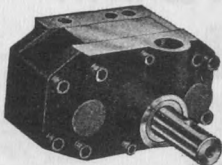
Built-in DEPTH CONTROL for positive, accurate control



PUMPS and CONTROLS

GEAR PUMPS

| | Stock No. | List Price |
|-----------|-------------|------------|
| Model KJ | 223-21E2744 | \$55.90 |
| Model KJH | 223-21E2744 | \$55.90 |



1000 P.S.I.
Rotation—Counter-Clockwise
MODEL KJ Max. 600 RPM
Capacity 12 GPM
MODEL KJH, 800 RPM, 8 GPM
(At 400 R.P.M. At 0 P.S.I.)

MODEL SP CONTROL

| | Stock No. | List Price |
|---------|-------------|------------|
| 1-Spool | 110-21E0022 | \$27.50 |
| 2-Spool | 177-21E2553 | \$44.40 |
| 3-Spool | 245-21E0094 | \$61.25 |



20 G.P.M. — 1500 P.S.I.
For Parallel Application
½" Cylinder Ports ¾" Inlet and Outlet Ports

MODEL 400 (Double Acting)

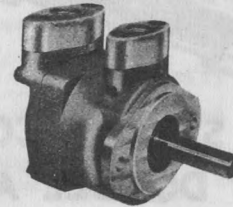
| | Stock No. | List Price |
|---------------------------|------------|------------|
| MODEL 300 (Single Acting) | | |
| 400 | 85-21E8071 | \$21.35 |
| 300 | 85-21E8071 | \$21.35 |



16 G.P.M.—1250 P.S.I. ½" Cylinder Ports, ¾" Inlet and Outlet Ports

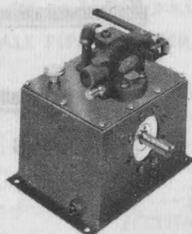
VANE PUMPS

| | Stock No. | List Price |
|----------|-------------|------------|
| MODEL TB | | |
| TBK | 267-21E8435 | \$66.85 |
| TBM | 275-21E4055 | \$68.80 |



Specification Up to 1500 P.S.I.
3-6-9-12 G.P.M.
Rotation—Clockwise-Counter Clockwise. Mounting Feet Available. Max. 2000 R.P.M.

POWER UNITS Model "P" and "PX"



Model "P" Consists of Pump, Valve, and Tank
Stock No. 529-21E08501
List Price \$132.25
Model "PX" Consists of Pump and Tank only
Stock No. 422-21E8448
List Price \$105.60
Usable Capacity - 1.5 Gallons
Max. Tank Capacity - 2 Gallons
Pressure Range - 1500 P.S.I.
Capacity - Up to 15 G.P.M.

FILTERS Model F-20 Series (In-Line Type)



For "Return Line" or "Suction Line" Operation
100 Mesh. Wire Cloth or (10 or 33 Micron) Paper Elements Available.
Operating Pressure—100 P.S.I. Max.
Port Size 1¼"-1½" NPTF
Stock No. 105-21E2112
List Price \$26.40

RELIEF VALVES Ball and Spring Type

| | Stock No. | List Price |
|--------------------------------|-----------|------------|
| Model J-50 (Adjustable) | 39-21E297 | \$9.90 |
| Model J-50-NJ (Non-Adjustable) | 39-21E297 | \$9.90 |

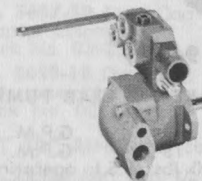


½" Ports
Capacity—15 G.P.M. Max.
Pressure Range—Up to 2000 P.S.I.

VALVE-PUMP COMBINATION Model VT8

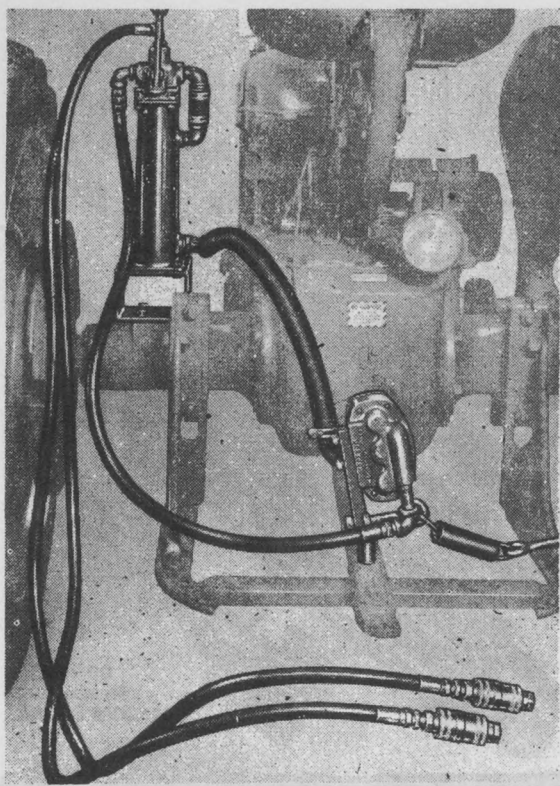
(Valve Only—"Model V"—Available)

| | Stock No. | List Price |
|----------------------------------|-------------|------------|
| Model VT8 | 373-21E0647 | \$93.25 |
| (Valve Only—"Model V"—Available) | 105-21E2112 | \$26.40 |



Capacity to 15 G.P.M.
Pressure Range—1500 P.S.I.
Cylinder Ports—½" or ¾"
Convertible to single or double acting
Valve in Field by changing one pipe plug

ALL PRICES F.O.B. SASKATOON



MONARCH

COMPANY
LIMITED

MACHINERY

MONARCH TRACTOR KIT No. T9340A (Double Acting)

consists of:

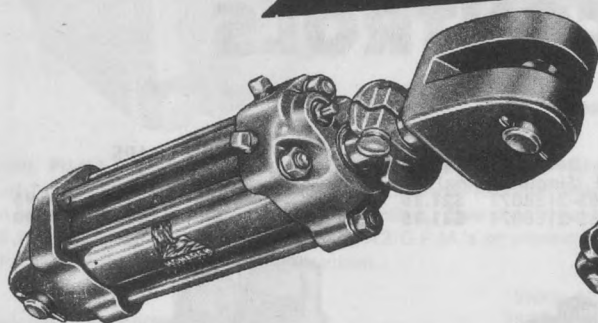
- 1 only Hydraulic Pump No. 910
- 1 only P.T.O. Coupling (state size)
- 1 only Torque Bar No. 9105
- 1 only 4-way Valve No. 921
- 3 only lengths @ 5-ft. x 3/8" hydr. Hose
- 2 only Break-away Couplers No. A9316
- 1 only Oil Tank Assembly No. 940-1 1/4 gal.
(Above with bushings, elbows, bolts and nuts)
- 1 only container with 2 gal. Hydraulic Oil

TRACTOR KITS

| | | | Stock No. | List Price |
|--------|-----------|--|--------------|------------|
| T9340A | 3/8" Hose | With No. 910 Pumps, etc. | 540-22E00801 | \$135.00 |
| T9341A | 1/2" Hose | With No. 911 Pumps, etc. above kits have the 4-way Valve. | 562-22E04211 | \$140.50 |

Monarch

HYDRAULIC CYLINDERS and EQUIPMENT



STROKE CONTROL DOUBLE ACTING

| Model No. | Shipping Weight | Size | Stock No. | List Price |
|-----------|-----------------|-----------|-------------|------------|
| 30C08 | 41 | 3"x8" | 166-22E0233 | \$41.50 |
| 35C08 | 52 | 3 1/2"x8" | 180-22E0063 | \$45.00 |

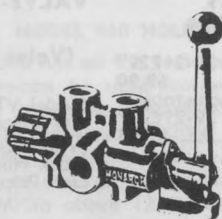


STANDARD - DOUBLE ACTING

| Model No. | Shipping Weight | Size | Stock No. | List Price |
|-----------|-----------------|------------|-------------|------------|
| 30D10 | 30 | 3"x10" | 130-22E0062 | \$32.50 |
| 35D08 | 37 | 3 1/2"x8" | 144-22E0882 | \$36.00 |
| 35D10 | 41 | 3 1/2"x10" | 148-22E0692 | \$37.00 |



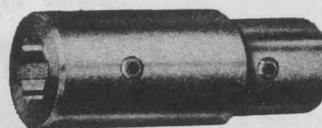
940A & 940B



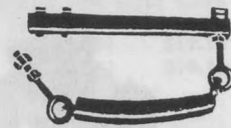
920 & 921



910 & 911



9102



9105

POWER TAKE-OFF GEAR PUMPS

| Model No. | Shipping Weight | G.P.M. | Stock No. | List Price |
|-----------|-----------------|--------|-------------|------------|
| 910 | 10 | G.P.M. | 190-22E0083 | \$47.50 |
| 911 | 15 | G.P.M. | 198-22E0693 | \$49.50 |

Up to 1000 lbs. P.S.I. operating speed up to 650 R.P.M., 3/4" inlet, 1/2" outlet, all Pipe Thread. Rotation counter clockwise only. Shaft size—1"

TANK ASSEMBLIES

| Model No. | Capacity | Stock No. | List Price |
|-----------|------------|-------------|------------|
| 940A | 1-1/4 Gal. | 98-22E0691 | \$24.50 |
| 940B | 2-1/2 Gal. | 104-22E0802 | \$26.00 |

Assembly is complete with control valve mounting bracket, 4 feet of 1" low pressure suction hose, hose fittings, clamps, bolts and tank filter. (Less Valve.)

| Model No. | Shipping Weight | Size | Stock No. | List Price |
|-----------|-----------------|-----------|-----------|------------|
| 9102 | 13 1/8" | Spline—1" | 31-22E636 | \$7.95 |

CONTROL VALVES

| Model No. | Shipping Weight | Size | Stock No. | List Price |
|-----------|-----------------|-----------|-------------|------------|
| 920 | 30 | 3"x10" | 130-22E0062 | \$32.50 |
| 921 | 37 | 3 1/2"x8" | 144-22E0882 | \$36.00 |

Capacity 16 U.S. G.P.M. Pressure range 250 to 1250 PSI. Relief valve setting at 1000 P.S.I. Inlet and Outlet ports on either end of valve 3/4" N.T.P.

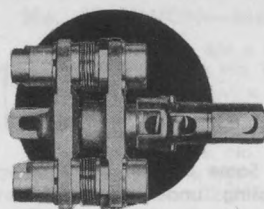
TORQUE BAR

| Model No. | Shipping Weight | Size | Stock No. | List Price |
|-----------|-----------------|------------|-------------|------------|
| 9105 | 41 | 3 1/2"x10" | 148-22E0692 | \$37.00 |

Discharge ports facing up—1/2" N.P.T.
Heavy Steel Bar with necessary length of chain and bolts.

Aeroquip Farm Hose and Couplings

BREAKAWAY COUPLING No. 5220 and 5230



Stock No. 159-23E6913
List \$39.95

IMPLEMENT MOUNTED

TRACTOR MOUNTED



5210-2



5220-1

Stock No. 66-23E2331
List \$16.65

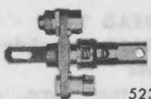
Stock No. 94-23E8681
List \$23.35

IMPLEMENT MOUNTED

TRACTOR MOUNTED



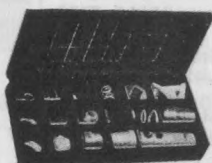
5230-2



5230-1

Stock No. 66-23E2331
List \$16.65

Stock No. 94-23E8681
List \$23.25

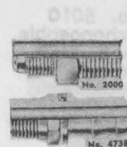


Kit No. 5147 contains complete replacement parts for the Aeroquip Breakaway Coupling plus detailed service instructions. Shipping weight 4 1/2 lbs.

Stock No. 130-23E2162

List \$32.65

OIL AND AIRLINE AEROQUIP SOCKETLESS FITTINGS AND HOSE



2556-4 Hose per ft. Stock No. 02-23E24 List .53
2556-6 Hose per ft. Stock No. 02-23E54 List .56

Aeroquip 2556 low pressure hose and SOCKETLESS fittings are especially suited for fuel, oil, water and air lines on tractors, trucks, passenger cars and stationary engines. Low in cost and extremely flexible, 2556 hose is ideal for replacing rigid tubing and clamp-type hose assemblies. Aeroquip SOCKETLESS fittings and hose can be assembled in seconds, by just pushing the hose on the fittings by hand. Only a small stock of bulk hose and fittings are needed for all farm applications. 2556 hose can be used for pressures up to 250 p.s.i.

MALE PIPE ADAPTER No. 2000 SAE to Male Pipe

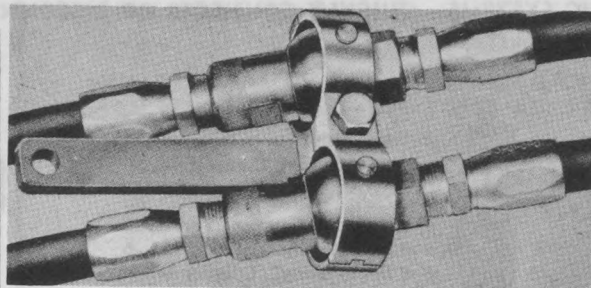
| Part No. | Size | Tube Size | SAE Thread | Pipe Thrd. | Stock No. | Price Each |
|----------|------|-----------|------------|------------|-----------|------------|
| 2000-2-4 | 4 | 1/4 | 7/16-20 | 1/8 | 00-23E61 | .20 |
| 2000-4-4 | 4 | 1/4 | 7/16-20 | 1/4 | 01-23E02 | .25 |
| 2000-6-4 | 4 | 1/4 | 7/16-20 | 3/8 | 03-23E06 | .75 |
| 2000-4-6 | 6 | 3/8 | 9/8-18 | 1/4 | 01-23E03 | .37 |
| 2000-6-6 | 6 | 3/8 | 9/8-18 | 3/8 | 01-23E43 | .43 |
| 2000-8-6 | 6 | 3/8 | 9/8-18 | 1/2 | 02-23E65 | .70 |

FITTING No. 4738

| Part No. | Size | Tube Size | Pipe Thrd. | Stock No. | Price Each |
|----------|------|-----------|------------|-----------|------------|
| 4738-2-4 | 4 | 1/4 | 1/8 | 01-23E62 | .32 |
| 4738-4-4 | 4 | 1/4 | 1/4 | 01-23E03 | .37 |
| 4738-4-6 | 6 | 3/8 | 1/4 | 02-23E04 | .50 |
| 4738-6-8 | 8 | 1/2 | 3/8 | 03-23E66 | .83 |

FITTING No. 4739

| Part No. | Size | Tube Size | SAE Thread | Stock No. | Price Each |
|----------|------|-----------|------------|-----------|------------|
| 4797-4 | 4 | 1/4 | 7/16-20 | 01-23E23 | .40 |
| 4739-5-4 | 4 | 5/16 | 1/2-20 | 02-23E24 | .53 |
| 4739-6 | 6 | 3/8 | 5/8-18 | 02-23E05 | .62 |



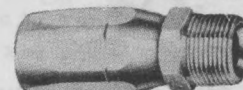
PUSH-PULL Coupling

These photographs dramatically illustrate the independent 30° swivel action of couplings in the new 5603 Breakaway Frame. Right, left, up and down, any position is possible. Mounting of the frame is identical with conventional rigid breakaway frames.

| | Stock No. | List |
|------------------------------|------------|---------|
| Assembly with 5600 Couplings | 59-23E8811 | \$14.85 |
| Assembly with 5650 Couplings | 68-23E4631 | \$17.05 |
| 5603 Breakaway Frame Assy. | 12-23E252 | \$3.15 |

2651-8—3/8" Hose ft.
Stock No. 04-23E49
List \$1.18

2651-10—1/2" Hose ft.
Stock No. 05-23E411
List \$1.42



4412-6-8 3/8" Hose End (2651-8)
Stock No. 05-23E211 List \$1.40
4412-8-8 1/2" Hose End (2651-8)
Stock No. 05-23E211 List \$1.40
4412-8-10 1/2" Hose End (2651-10)
Stock No. 07-23E241 List \$1.78
4412-12-10 3/4" Hose End (2651-10)
Stock No. 08-23E171 List \$2.14

PUSH-PULL Hydraulic Couplings

PUSH-PULL COUPLERS

5600 Couplings (with pipe thread ends)
5600-8-10 with 1/2-14 thread
Stock No. 23-23E864 List \$5.85
5600-12-10 with 3/4-14 thread
Stock No. 31-23E036 List \$7.88

No. 5601-(size)
Coupling Body Assembly
1/2" Stock No. 16-23E233 List \$4.15
3/4" Stock No. 22-23E144 List \$5.51

No. 5602-(size) Coupling Adapter Assembly (plain end)
1/2" Stock No. 07-23E631 List \$1.70
3/4" Stock No. 09-23E981 List \$2.36

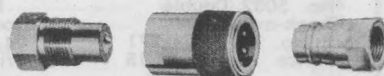
5606 Couplings (with S.A.E. hydraulic straight thread bosses ("O" ring seal))
5606-8-10 with 3/4-16 thread
Stock No. 23-23E864 List \$5.85
5606-12-10 with 1 1/4-12 thread
Stock No. 31-23E036 List \$7.88

No. 5608-(size)
Coupling Body Assembly
1/2" Stock No. 16-23E233 List \$4.15
3/4" Stock No. 22-23E144 List \$5.51

No. 5610-(size) Coupling Adapter Assembly (plain end)
1/2" Stock No. 07-23E631 List \$1.70
3/4" Stock No. 09-23E981 List \$2.36

"CONNECT UNDER PRESSURE"

5650 Couplings (with pipe thread ends)
5650-8-10 with 1/2-14 thread
Stock No. 28-23E655 List \$6.95
5650-12-10 with 3/4-14 thread
Stock No. 39-23E897 List \$9.98
Note: For lines with 3/8" male pipe ends, use 5650-8-10 coupling with a 1/2" x 3/8" pipe bushing.



No. 5652 **No. 5653** **No. 5602**
No. 5652-(size) Coupling Adapter Assembly (screw type)
1/2" Stock No. 08-23E061 List \$2.00
3/4" Stock No. 14-23E682 List \$3.57
No. 5653-(size) Coupling Body Assembly
Stock No. 17-23E043 List \$4.25
No. 5602-(size) Coupling Adapter Assembly (plain end)
1/2" Stock No. 06-23E631 List \$1.70
3/4" Stock No. 09-23E981 List \$2.36
No. 5651-(size) Coupling Body and Adapter Assembly
1/2" Stock No. 19-23E293 List \$4.90
3/4" Stock No. 30-23E906 List \$7.61

"CONNECT UNDER PRESSURE"

5667 Couplings with S.A.E. hydraulic straight thread bosses ("O" ring seal).
5667-8-10 with 3/4-16 thread
Stock No. 28-23E655 List \$6.95
5667-12-10 with 1 1/4-12 thread
Stock No. 39-23E897 List \$9.98



No. 5669 **No. 5653** **No. 5610**
No. 5669-(size) Coupling Adapter Assembly (screw type)
1/2" Stock No. 08-23E061 List \$2.00
3/4" Stock No. 14-23E682 List \$3.57
No. 5653-(size) Coupling Body Assembly
Stock No. 17-23E043 List \$4.25
No. 5610-(size) Coupling Adapter Assembly (plain end)
1/2" Stock No. 06-23E631 List \$1.70
3/4" Stock No. 09-23E981 List \$2.36
No. 5668-(size) Coupling Body and Adapter Assembly
1/2" Stock No. 19-23E293 List \$4.90
3/4" Stock No. 30-23E906 List \$7.61

COUPLING PARTS

No. 5657-10 Dust Cap for coupling adapter assembly.
Stock No. 03-23E06 List .75
No. 5659-10 Dust plug for coupling body assembly
Stock No. 02-23E85 List .73

REPLACEMENT "O" RINGS for coupling body

No. 22550 1/2" and 3/4"
Stock No. 01-23E21 List .15
No. 22022-10 Back-Up Ring (split type) for 5653 coupling body only
Stock No. 01-23E91 List .24
No. 22021-(size) Back-Up Ring for 5601, 5608 and 5653 coupling bodies. 1/2" and 3/4"
Stock No. 00-23E41 List .18

No. 5142 SOCKETLESS fittings and hose kit contains bulk 2556 farm hose and SOCKETLESS fittings for most farm application.

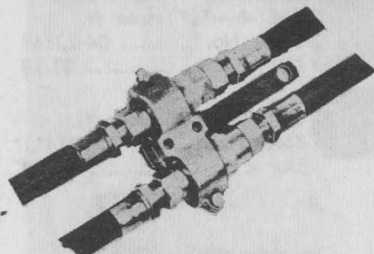
Aeroquip SOCKETLESS fittings require no clamp, bolt, lug or socket. The unique design of the patented SOCKETLESS fitting assures a tight connection that won't pull apart.

Stock No. 83-23E0661
List \$20.75



The New PIONEER Hydraulic Quick Coupler

FOR FARM TRACTOR HYDRAULIC SYSTEMS - QUICKLY CONNECTS OR DISCONNECTS - POSITIVE FLOW OR SHUT-OFF.



7011 COMPLETE BREAKAWAY UNIT AS FOLLOWS

- 1—# 5002 Double Breakaway Clamp
- 2—# 5000 Couplers (Pressure Type)
- 2—# 5005 Dust Plugs
- 2—# 5009 Dust Caps

Stock No. 85-24E2171 List \$21.40



No. 4000 Coupler Complete

USES: As a "quick" self sealing Coupler on all hydraulic hoses, and as a "Break-away" Coupler when used with our 5001 or 5002 Break-away Clamps.

| | Stock No. | List |
|---|-----------|--------|
| SIZES: 4000— $\frac{3}{8}$ ", $\frac{1}{2}$ " | 23-24E274 | \$5.90 |
| 4000— $\frac{3}{4}$ " | 32-24E046 | \$8.00 |

NOTE: $\frac{3}{4}$ " - 16 ORB Compares to $\frac{3}{8}$ " Pipe — $\frac{7}{8}$ " - 14 ORB Compares to $\frac{1}{2}$ " Pipe — 1-1/16 - 12 ORB Compares to $\frac{3}{4}$ " Pipe.



No. 5000 Coupler Complete

USES: Same as No. 4000 plus re-coupling under pressure by backing up the Hex Screw Tip (No. 5011) in the body of the Coupler.

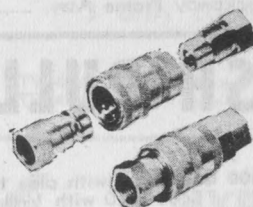
| | Stock No. | List |
|---|-----------|---------|
| SIZES: No. 5000— $\frac{3}{8}$ ", $\frac{1}{2}$ " | 28-24E065 | \$7.00 |
| No. 5000— $\frac{3}{4}$ " | 43-24E06 | \$10.75 |



STRAIGHT THREAD TYPE No. 4000 COUPLER, complete with O Ring Boss

USES: As a "quick," self-sealing Coupler on all hydraulic hoses, and as a "Break-away" Coupler when used with our 5001 or 5002 Break-away Clamps.

| | Stock No. | List |
|------------------------------------|-----------|--------|
| Size: $\frac{3}{4}$ "—16 ORB, each | 23-24E274 | \$5.90 |
| SIZE: $\frac{7}{8}$ "—14 ORB, each | 23-24E274 | \$5.90 |
| SIZE: 1-1/16"—12 ORB, each | 32-24E046 | \$8.00 |



STRAIGHT THREAD TYPE No. 5000 COUPLER, complete with O Ring Boss

USES: Exactly the same as #5000 Coupler with pipe threads that this Coupler has the new Straight Threads and "O" Ring Boss on the Male Tip as well as the Screw Tip end.

| | Stock No. | List |
|------------------------------|-----------|---------|
| SIZE: $\frac{7}{8}$ "—14 ORB | 28-24E065 | \$7.00 |
| SIZE: 1-1/16"—12 ORB | 43-24E068 | \$10.75 |
| No. 16 O Ring Seal | 00-24E01 | .12 |

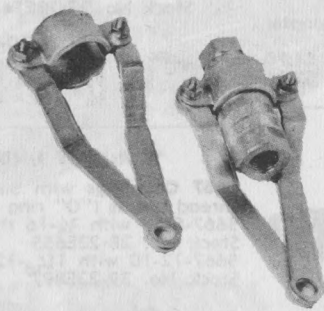


No. 5010 ORB Interchangeable MALE TIPS

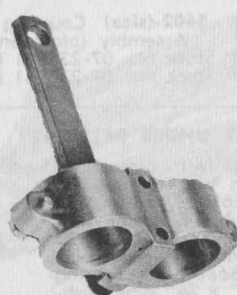
| | Stock No. | List |
|--|-----------|--------|
| $\frac{3}{4}$ —16, $\frac{7}{8}$ —14 ORB | 06-24E631 | \$1.70 |
| 1-1/16—12 ORB | 09-24E291 | \$2.40 |



7000— $\frac{3}{8}$ " and $\frac{1}{2}$ "
Stock No. 34-24E086
List Price \$8.50



No. 5001 Single Break-away Clamp
Stock No. 02-24E25
List Price .65



No. 5002 Double Break-away Clamp
Stock No. 08-24E271
List Price \$2.15



No. 5005 Dust Plug
Stock No. 04-24E29
List Price \$1.15



No. 5009 Dust Cap
Stock No. 08-24E271
List Price \$2.15



No. 5010 Interchangeable MALE TIPS
 $\frac{3}{4}$ " $\frac{1}{2}$ "
Stock No. 06-24E631
List Price \$1.70
 $\frac{3}{8}$ " $\frac{1}{2}$ "
Stock No. 09-24E291
List Price \$2.40

HYDRAULIC HOSE AND FITTINGS

HYDRAULIC HOSE and REPAIR ENDS



BULK HOSE STANDARD LENGTHS 50 ft.

| | Stock No. | List |
|------------------------------|-----------|--------|
| $\frac{3}{8}$ " Hose per ft. | 04-24E79 | \$1.21 |
| $\frac{1}{2}$ " Hose per ft. | 06-24E111 | \$1.39 |
| $\frac{3}{4}$ " Hose per ft. | 08-24E461 | \$2.05 |

(All above Hose are medium pressure, one-wire braid)

$\frac{3}{8}$ " HOSE COUPLED

| | Stock No. | List |
|--------|-----------|---------|
| 1 ft. | 10-24E302 | \$2.54 |
| 2 ft. | 15-24E882 | \$3.60 |
| 3 ft. | 18-24E173 | \$4.64 |
| 4 ft. | 22-24E654 | \$5.70 |
| 5 ft. | 27-24E045 | \$6.75 |
| 6 ft. | 31-24E426 | \$7.80 |
| 8 ft. | 39-24E497 | \$9.92 |
| 10 ft. | 48-24E269 | \$12.02 |

$\frac{1}{2}$ " HOSE COUPLED

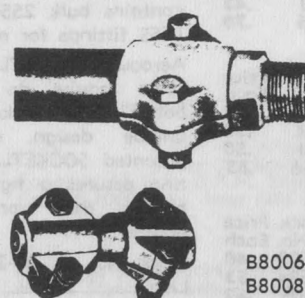
| | Stock No. | List |
|-----------|------------|---------|
| 1 ft. | 12-24E652 | \$3.20 |
| 1 1/2 ft. | 15-24E403 | \$3.80 |
| 2 ft. | 17-24E453 | \$4.42 |
| 3 ft. | 22-24E054 | \$5.62 |
| 4 ft. | 27-24E745 | \$6.84 |
| 5 ft. | 32-24E346 | \$8.04 |
| 6 ft. | 37-24E147 | \$9.26 |
| 7 ft. | 41-24E738 | \$10.46 |
| 8 ft. | 46-24E439 | \$11.68 |
| 10 ft. | 56-24E8211 | \$14.10 |
| 12 ft. | 66-24E2231 | \$16.52 |

CLAMP TYPE COUPLERS

| | | |
|------------------------------------|---------------------|-------------------|
| B8006-6M for $\frac{3}{8}$ " Hose | Stock No. 04-24E69 | List Price \$1.20 |
| B8008-8M for $\frac{1}{2}$ " Hose | Stock No. 05-24E101 | List Price \$1.34 |
| B8012-12M for $\frac{3}{4}$ " Hose | Stock No. 08-24E371 | List Price \$2.16 |
| B8010-12M for $\frac{3}{8}$ " Hose | Stock No. 08-24E671 | List Price \$2.20 |

HOSE REPAIR COUPLER

| | Stock No. | List |
|-----------------------------|-----------|--------|
| B8006-6-HSU $\frac{3}{8}$ " | 08-24E061 | \$2.00 |
| B8008-8-6SU $\frac{1}{2}$ " | 09-24E281 | \$2.28 |




PRICES SUBJECT TO CHANGE WITHOUT NOTICE


BETTS-EASTMAN

PIPE THREAD SWIVEL ADAPTERS


No. 47 UNION—Male x Sw. Fe. Pipe

| | | | |
|---|----------------------------|--------------------|----------|
|  | 47- 6M x 6FS (3/8M x 3/8F) | Stock No. 02-25E24 | List .52 |
| | 47- 6M x 8FS (3/8M x 1/2F) | Stock No. 02-25E35 | List .66 |
| | 47- 8M x 6FS (1/2M x 3/8F) | Stock No. 02-25E35 | List .66 |
| | 47- 8M x 8FS (1/2M x 1/2F) | Stock No. 02-25E35 | List .66 |

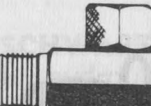
No. 48 UNION—Female x Sw. Fe. Pipe

| | | | |
|---|-------------------------|--------------------|----------|
|  | 48- 6 x 6 (3/8F x 1/2F) | Stock No. 02-25E64 | List .58 |
| | 48- 8 x 6 (1/2F x 3/8F) | Stock No. 02-25E85 | List .72 |
| | 48- 8 x 8 (1/2F x 1/2F) | Stock No. 02-25E85 | List .72 |

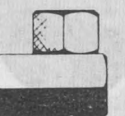
No. 64 ELBOW 45°—Male x Sw. Fe. Pipe

| | | | |
|---|-------------------------|---------------------|-------------|
|  | 64- 6 x 6 (3/8M x 3/8F) | Stock No. 03-25E57 | List .94 |
| | 64- 8 x 8 (1/2M x 1/2F) | Stock No. 05-25E201 | List \$1.28 |

No. 49 ELBOW 90°—Male x Sw. Fe. Pipe

| | | | |
|--|-------------------------|---------------------|-------------|
|  | 49- 6 x 6 (3/8M x 3/8F) | Stock No. 03-25E77 | List .96 |
| | 49- 8 x 8 (1/2M x 1/2F) | Stock No. 05-25E201 | List \$1.28 |

No. 68 ELBOW 90°—Female x Sw. Fe. Pipe

| | | | |
|---|-------------------------|---------------------|-------------|
|  | 68- 6 x 6 (3/8 x 3/8) | Stock No. 03-25E57 | List .94 |
| | 68- 8 x 8 (1/2 x 1/2) | Stock No. 05-25E201 | List \$1.28 |
| | 68- 12 x 12 (3/4 x 3/4) | Stock No. 08-25E071 | List \$2.12 |

NEW - ORB (O-Ring Boss) MALE TO PIPE THREAD FEMALE ADAPTERS

NEW ORIGINAL EQUIPMENT HYDRAULICS ARE SUPPLIED WITH ORB (O-Ring Boss) FITTINGS—USE THESE ADAPTERS FOR STANDARD HOSE



O' Ring Union



O' Ring Adapter

| | | |
|---|---------------------|-------------|
| No. 75- 80M x 6FS 3/4 x 16 ORB O Ring Male to 3/8 Pipe Female | Stock No. 02-25E95 | List .74 |
| No. 75- 80M x 8FS 3/4 x 16 ORB O Ring Male to 1/2 Pipe Female | Stock No. 03-25E96 | List .86 |
| No. 75- 100M x 8FS 7/8 x 14 ORB O Ring Male to 1/2 Pipe Female | Stock No. 03-25E96 | List .86 |
| No. 75-120M x 12FS 1-1/16 x 12 ORB O Ring Male to 3/4 Pipe Female | Stock No. 05-25E211 | List \$1.40 |

| | | |
|---|---------------------|-------------|
| 123- 8F x 8F 3/4 ORB O Ring Female to 1/2" Pipe Female | Stock No. 04-25E69 | List \$1.24 |
| 123-10F x 8 F 7/8 ORB O Ring Female to 1/2" Pipe Female | Stock No. 05-25E401 | List \$1.30 |

NOTE: 3/4" - 16 ORB Compares to 3/8" Pipe - 7/8" - 14 ORB Compares to 1/2" Pipe - 1-1/16" - 12 ORB Compares to 3/4" Pipe.

EASTMAN Circle Clamps

(3-PIECE) RENEWABLE COUPLING

Apply over Hose Cover type

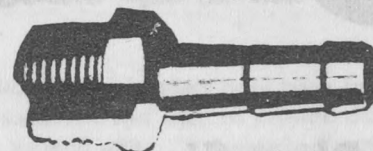
N.P.T.F.-THREAD MALE COUPLING

| | | |
|------------------------|---------------------|-------------|
| No. 006 -PS- 3/8" each | Stock No. 06-25E021 | List \$1.50 |
| No. 135 -HW- 1/2" each | Stock No. 07-25E441 | List \$1.80 |
| No. 116 -HW- 3/4" each | Stock No. 15-25E813 | List \$3.98 |

REPLACEMENT COMPRESSION SLEEVE

| | | |
|---------------------|--------------------|----------|
| No. 006—3/8" each | Stock No. 00-25E81 | List .22 |
| No. 983-C—1/2" each | Stock No. 01-25E72 | List .34 |
| No. 166-C—3/4" each | Stock No. 02-25E35 | List .66 |

LONG SHANK HOSE FITTINGS



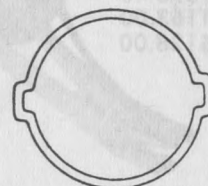
| | | |
|-------------------------|---------------------|-------------|
| 8006 - CCFS (Steel) 3/8 | Stock No. 02-25E84 | List .60 |
| 8008 - CCFS (Steel) 1/2 | Stock No. 03-25E06 | List .75 |
| 8012 - CCFS (Steel) 3/4 | Stock No. 06-25E211 | List \$1.40 |

LONG SHANK HOSE SPLICERS



| | | |
|-------------------------|--------------------|-------------|
| 8006 - CCSS (Steel) 3/8 | Stock No. 02-25E84 | List .60 |
| 8008 - CCSS (Steel) 1/2 | Stock No. 03-25E06 | List .75 |
| 8012 - CCSS (Steel) 3/4 | Stock No. 04-25E88 | List \$1.10 |

CIRCLE CLAMPS



EACH

PACKAGE OF 10

| Part No. | Size | Stock No. | List | Stock No. | List |
|----------|------|-----------|------|-----------|--------|
| CC-12 | 3/4" | 00-25E11 | .14 | 05-25E101 | \$1.26 |
| CC-14 | 7/8" | 00-25E21 | .15 | 05-25E801 | \$1.35 |
| CC-16 | 1" | 00-25E41 | .17 | 06-25E221 | \$1.53 |

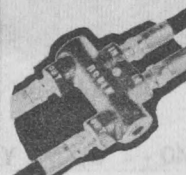
CC-O-PINCER PLIERS



| | | |
|--------------------|---------------------|-------------|
| CC-O Pincer Pliers | Stock No. 10-25E002 | List \$2.50 |
|--------------------|---------------------|-------------|

ROBIN LINE CHECK

MAINTAINS SELECTED IMPLEMENT POSITION



FEATURES
A ROBIN Designed and Engineered AUTOMATIC DOUBLE CHECK VALVE
Increases useful life of control valves.
Simple and Fast Installation.
Compact and Streamlined Design, also permits direct coupling to Breakaways.
Stock No. 74-25E6741 List \$18.00

(9) 90° Street Elbow

| | | |
|------|--------------------|----------|
| 3/8" | Stock No. 02-25E53 | List .44 |
| 1/2" | Stock No. 02-25E53 | List .44 |
| 3/4" | Stock No. 02-25E63 | List .45 |

(10) 45° Street Elbow

| | | |
|------|--------------------|----------|
| 3/8" | Stock No. 02-25E83 | List .48 |
| 1/2" | Stock No. 02-25E83 | List .48 |
| 3/4" | Stock No. 03-25E26 | List .78 |

(11) 90° Elbow

| | | |
|------|--------------------|----------|
| 3/8" | Stock No. 01-25E62 | List .32 |
| 1/2" | Stock No. 01-25E62 | List .32 |
| 3/4" | Stock No. 01-25E62 | List .32 |

(12) Straight Tee

| | | |
|------|--------------------|----------|
| 3/8" | Stock No. 01-25E62 | List .32 |
| 1/2" | Stock No. 01-25E92 | List .36 |
| 3/4" | Stock No. 02-25E23 | List .40 |

(13) Hexagon Bushing

| | | |
|-----------|--------------------|----------|
| 1/2"-3/8" | Stock No. 01-25E61 | List .20 |
| 3/4"-1/2" | Stock No. 01-25E62 | List .32 |
| 1"-3/4" | Stock No. 01-25E92 | List .36 |

(14) Reducer Coupler

| | | |
|-----------|--------------------|----------|
| 1/2"-3/8" | Stock No. 01-25E62 | List .31 |
| 3/4"-1/2" | Stock No. 02-25E23 | List .40 |
| 1"-3/4" | Stock No. 02-25E63 | List .45 |

(15) Coupling

| | | |
|------|--------------------|----------|
| 3/8" | Stock No. 01-25E42 | List .30 |
| 1/2" | Stock No. 01-25E72 | List .34 |
| 3/4" | Stock No. 02-25E23 | List .40 |

(16) Close Nipple

| | | |
|------|--------------------|----------|
| 3/8" | Stock No. 00-25E21 | List .15 |
| 1/2" | Stock No. 01-25E61 | List .20 |
| 3/4" | Stock No. 01-25E91 | List .24 |

(17) Long Nipple 6"

| | | |
|------|--------------------|----------|
| 3/8" | Stock No. 01-25E91 | List .25 |
| 1/2" | Stock No. 01-25E12 | List .26 |
| 3/4" | Stock No. 01-25E72 | List .34 |



(9) 90° Street Elbow



(13) Hexagon Bushing



(10) 45° Street Elbow



(14) Reducer



(15) coupling



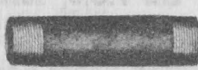
(11) 90° Elbow



(16) Close Nipple



(12) Straight "T"

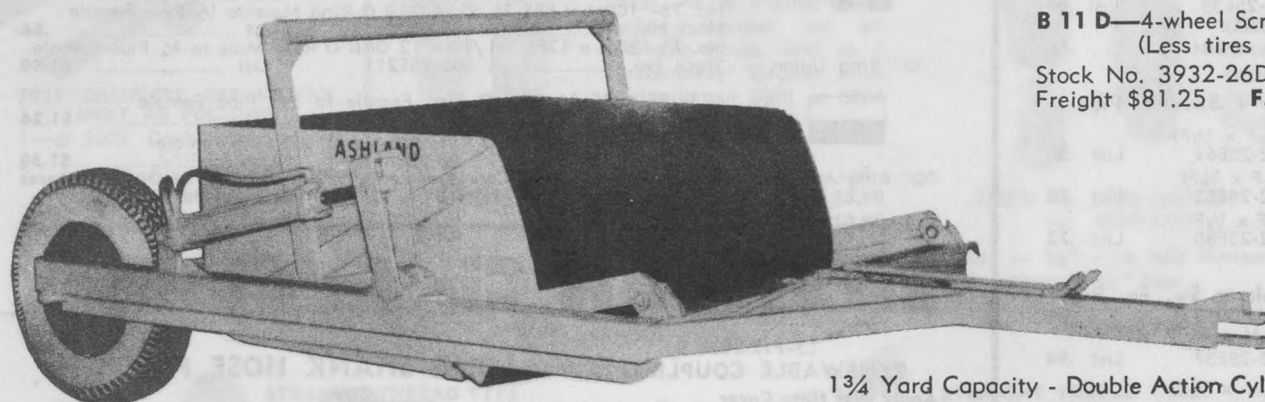


(17) Long Nipple

ASHLAND BE LINE

SCRAPERS

Engineered for Farm Power



B 11—2-wheel Scraper 1¾ yds. with 15" wheels (less tires and tubes).

Stock No. 3370-26D01476
Freight \$75.20

Factory List \$802.50

List F.O.B. Saskatoon \$877.20

Industrial Add \$ 96.50

B 11 D—4-wheel Scraper 1¾ yds. 15" wheels (Less tires and tubes).

Stock No. 3932-26D54687 Fcty. List \$936.25
Freight \$81.25 **F.O.B. Saskatoon \$1017.50**

Industrial Add \$ 112.00

1¾ Yard Capacity - Double Action Cylinders - Heavy Clevis Hitch
Open Bucket with Forward Dump - 60" Bucket Width.

3-4 Plow Size

B 22—2-wheel Scraper, 2⅓ yds. 15" wheels. (Less tires and tubes)

Stock No. 4134-26D09628

Factory List \$984.40 Freight \$88.30

List F.O.B. Saskatoon \$1072.70

Industrial Add \$ 118.00

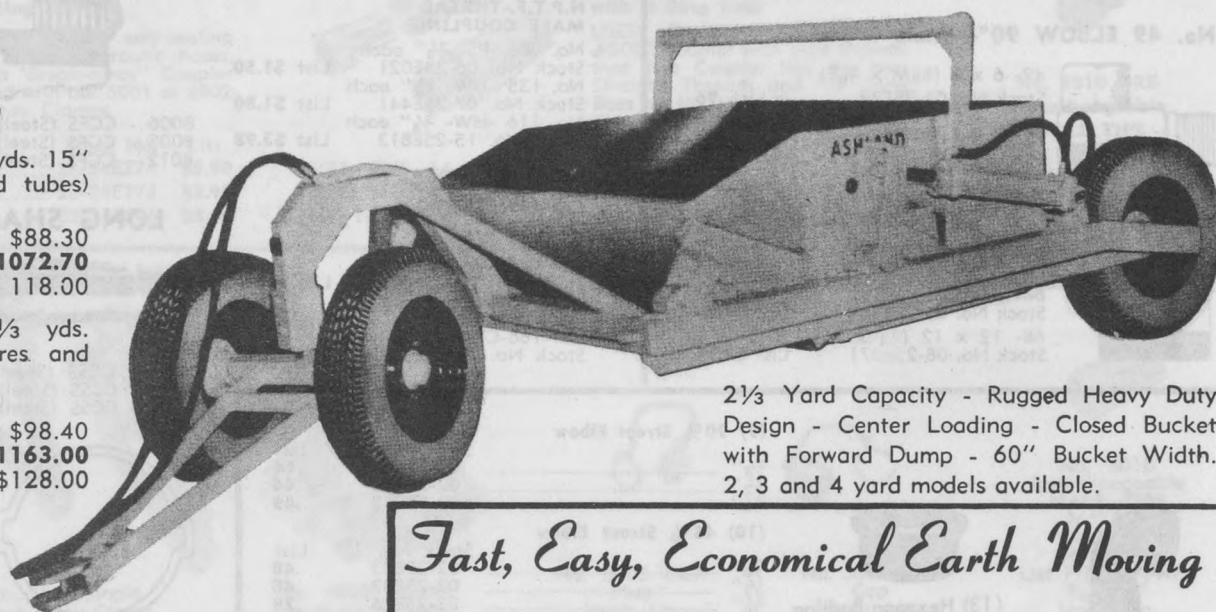
B22D—4-wheel Scraper, 2⅓ yds. 15" wheels (less tires and tubes)

Stock No. 4476-26D03498

Factory List \$1064.60 Freight \$98.40

List F.O.B. Saskatoon \$1163.00

Industrial Add \$128.00



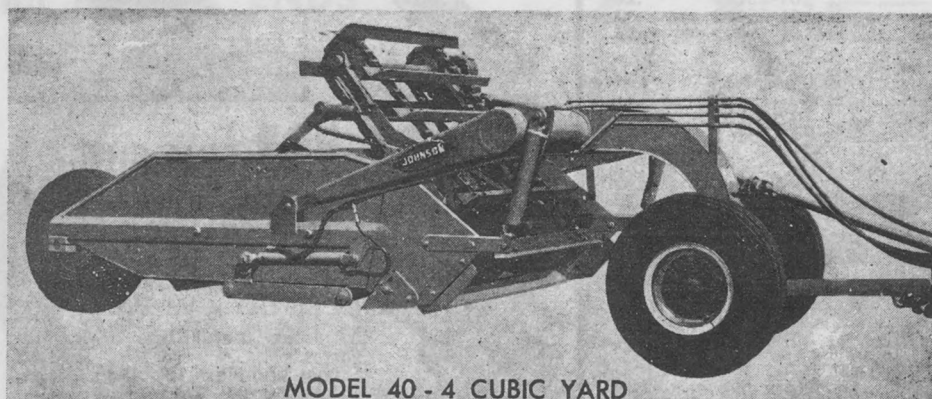
2⅓ Yard Capacity - Rugged Heavy Duty Design - Center Loading - Closed Bucket with Forward Dump - 60" Bucket Width.
2, 3 and 4 yard models available.

Fast, Easy, Economical Earth Moving



ELEVATING SCRAPERS

MOVE MORE EARTH AT LESS COST



MODEL 40 - 4 CUBIC YARD

JOHNSON ELEVATING SCRAPERS — in 4, 5, 8 and 11 yard capacities — requires only a 40-60 HP tractor for power. There's no need to force-load these Scrapers with a second power unit. Material from the cutting blade is conveyed straight into the bowl by the elevating mechanism, driven by the tractor's PTO. The last half-yard loads as easily as the first half-yard. Hydraulically operated controls let you dump, spread and grade at any desired depth in one operation. Dumping mechanism eliminates compaction of the material during ejection.

Model 40—4 yd. with tires

Stock No. 20328-26D065604

List F.O.B. Saskatoon \$4840.00

Industrial Add \$ 500.00

Model 50—5 yd. with tires.

Stock No. 28064-26D882165

List F.O.B. Saskatoon \$6682.00

Industrial Add \$ 685.00

Model 80—8 yd. with tires.

Stock No. 32516-26D823056

List F.O.B. Saskatoon \$7742.00

Industrial Add \$ 790.00

Model 110—10 yd. with tires.

Stock No. 47476-26D635949

List F.O.B. Saskatoon \$11304.00

Industrial Add \$ 1171.25

INLAND STANDARD SIDE MOUNT

SCHWARTZ

Loaders

- Arch Frame
- Twin Cylinder
- Hydraulic Powered



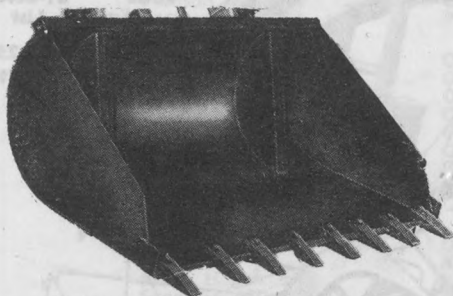
SCHWARTZ LOADERS are available in mechanical or hydraulic bucket control, made as side mounted or rear end mount for row crop and adjustable wide front tractors.



SCHWARTZ Standard Side Mount Loaders are designed, engineered and built for standard tractors to provide maximum **power**, maximum **versatility**, maximum **utility** on the farm . . . to do **more work in less time, with less labor** . . . and do it more efficiently, year after year without troublesome breakdowns and maintenance needs. Ruggedly constructed of heavy pipe framing reinforced with steel plate and trussed with steel rods, **SCHWARTZ** Twin Cylinder Loaders are **never higher nor wider** than the tractors they are built to fit.

SCHWARTZ Standard Side Mount Loaders have been farm proven under every operating condition and use, to provide all the features farmers want in a loading unit . . . unmatched performance, ease of operation, manoeuvrability . . . to handle most loading jobs on the farm, mount easily and quickly with simplified mounting brackets, require no elaborate hook-up or tractor modification.

SCHWARTZ Twin Cylinder Loaders have a well established reputation as the leading loader line on the market for above average power and performance.



New 5 foot Bucket available as optional at extra charge.

60-027A21021 \$143.00 \$2.70 \$145.00

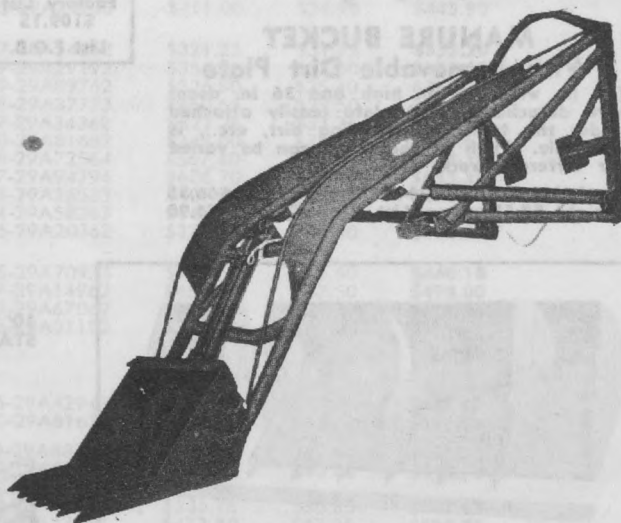
LOADERS FOR STANDARD THREAD TRACTORS

| | Stock No. | List F.O.B. S'toon |
|--|---------------|--------------------|
| Case 400, 500, 700, 800, 900 | 1953-27A06093 | \$465.00 |
| Cockshutt 40, 30, 50, 550, 560, 570 | 1953-27A06093 | \$465.00 |
| International W-4, W-6, 400, W-9, W-450 | | |
| W-650, 560, 660 | 1953-27A06093 | \$465.00 |
| Massey Harris 44 W/short casting | 1953-27A06093 | \$465.00 |
| Massey Harris 55 and 44 W/long frame | | |
| casting 444, 555 | 1953-27A06093 | \$465.00 |
| Minneapolis Moline UTSUB, GB | 1953-27A06093 | \$465.00 |
| Oliver 88, 77, 770, 880 | 1953-27A06093 | \$465.00 |
| Fordson Major | 1953-27A06093 | \$465.00 |
| John Deere 60, 70, 530, 630, 730, 820, 830 & R | 1953-27A06093 | \$465.00 |
| If Double Acting Cylinders are required | | |
| ADD | 184-27A6963 | \$44.00 |

MISCELLANEOUS EQUIPMENT

| | | |
|---|--------------|----------|
| Mechanical Bucket | 319-27A4836 | \$76.00 |
| Hydraulic Bucket only | 394-27A6987 | \$94.00 |
| Angle Dozer with Blade | 605-27A29021 | \$143.95 |
| Complete Lifting Boom | 276-27A6355 | \$65.90 |
| Lifting Boom Only | 225-27A0944 | \$53.45 |
| Tension Bar and Clamp | 52-27A6401 | \$12.45 |
| Hydraulic Bucket Control cylinder | 247-27A8494 | \$58.90 |
| **Push-off Stacker less cylinder | 924-27A08481 | \$220.00 |

**Cylinder is furnished with hydraulic bucket control loader
If Cylinder is needed, order HYDRAULIC BUCKET CONTROL above.

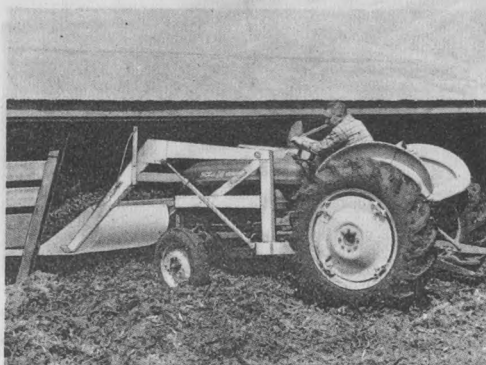


ALL PRICES F.O.B. SASKATOON



TWIN DRAULIC NEW Box Frame Farm Loaders

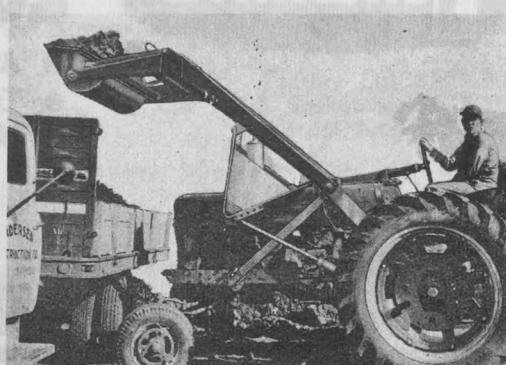
CUSTOM BUILT FOR ALL POPULAR TRACTORS



Goes Anywhere Tractor Will Go



Clears Roads . . . Handles Snow and Grain



Loads Gravel, Dirt and Other Materials

- Extra years of service with greater strength in the frame and sub frame.
- EXTRA economy from interchange ability—one model fits more different tractors.
- EXTRA ease in mounting and unmounting.
- EXTRA convenience in low profile and getting on or off the tractor on either side.
- EXTRA efficiency from central mounting and oversize hydraulic cylinders.

EXTRA ADVANTAGES

1. All loaders in the three series come complete with a giant 40 in. wide by 38 in. deep by 19 in. high manure bucket and removable dirt plate.
2. All necessary hose and fittings are furnished to completely mount the loader on your tractor.
3. The loader frames on all three series are of the box welded construction with ample truss plates and reinforcing to insure maximum quality.
4. All loader cylinders are equipped with heavy shafting which has been polished and chromium plated to protect against rust and corrosion.
5. Rugged 1 in. frame and cylinder pins are used throughout on the Series I and II loaders and a 1 3/8 in. frame pin and 3/4 in. cylinder pins are used on the Series IV loader.

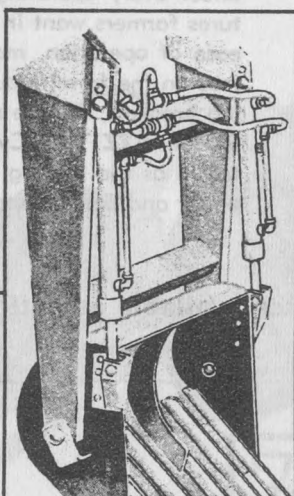
LOADER ATTACHMENTS

MATERIAL BUCKET

The Material Bucket was designed for the handling of loose materials such as dirt, gravel, grain, etc. The bucket is equipped with an extra heavy-duty cutting edge for greater efficiency. This bucket is 40 in. wide by 20 in. high by 35 in. deep.

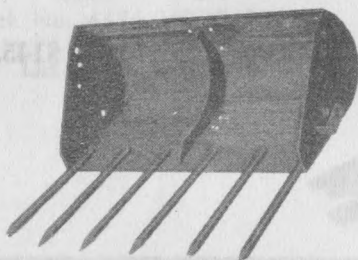


| Stock No. | Factory List | Freight |
|----------------------------|--------------|---------|
| 272-28A0445 | \$66.35 | \$9.15 |
| List F.O.B. S'toon \$75.50 | | |



HYDRAULIC BUCKET CONTROL

| Stock No. | Factory List | Freight |
|-----------------------------|--------------|---------|
| 458-28A9619 | \$109.15 | \$4.25 |
| List F.O.B. S'toon \$113.40 | | |



MANURE BUCKET

With Removable Dirt Plate

(40 in. wide, 18 in. high and 36 in. deep) with detachable dirt plate (easily attached under the teeth for handling dirt, etc.), is available. Pitch of the scoop can be varied for different work.

| Stock No. | Factory List |
|---|--------------|
| 272-28A0445 | \$66.35 |
| Freight \$8.55 List F.O.B. S'toon \$74.90 | |

GRAPPLE FORK WITH CYLINDER

| Stock No. | Factory List | Freight |
|-----------------------------|--------------|---------|
| 594-28A68811 | \$141.50 | \$8.55 |
| List F.O.B. S'toon \$150.05 | | |

ADJUSTABLE DOZER BLADE

| Stock No. | Factory List | Freight |
|-----------------------------|--------------|---------|
| 509-28A48101 | \$124.20 | \$14.60 |
| List F.O.B. S'toon \$138.80 | | |

7 FT. CUTTING EDGE

| Stock No. | Factory List | Freight |
|----------------------------|--------------|---------|
| 81-28A3261 | \$19.80 | \$2.25 |
| List F.O.B. S'toon \$22.05 | | |

BOOM EXTENSION

| Stock No. | Factory List | Freight |
|----------------------------|--------------|---------|
| 383-28A5667 | \$91.25 | \$4.05 |
| List F.O.B. S'toon \$95.30 | | |

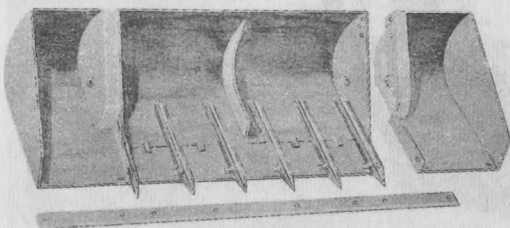
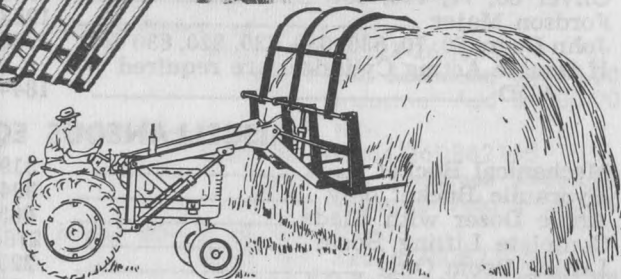
10' PUSH OFF STACKER



| Stock No. | Factory List | Freight |
|-----------------------------|--------------|---------|
| 1330-28A70662 | \$316.75 | \$34.20 |
| List F.O.B. S'toon \$350.95 | | |

HAY FORK

| Stock No. | Factory List | Freight | List F.O.B. S'toon |
|--------------|--------------|---------|--------------------|
| 982-28A55691 | \$239.70 | \$23.85 | \$263.55 |



80" MATERIAL BUCKET EXTENSION KIT

| Stock No. | Factory List | Freight |
|----------------------------|--------------|---------|
| 287-28A5575 | \$68.50 | \$7.65 |
| List F.O.B. S'toon \$76.15 | | |

Under Tractor Model you will find information stating whether the loader is a double action or single action Loader (D.A. and S.A.).

All prices shown for a tractor equipped with a hydraulic system includes all necessary hose and fittings to make the loader operate from the tractor's hydraulic system. When listed as using a Char Lynn pump S.A. the list price of the loader includes the Char Lynn Pump and all mountings and hoses. The Loaders listed with a Char Lynn Pump can also be purchased with double action cylinders upon request for an additional list price of \$40.00. All loaders are shipped complete with manure bucket and dirt plate, however, if other attachments are desired in place of the manure bucket deduct \$62.00 from the list price and add the price of the required attachment.

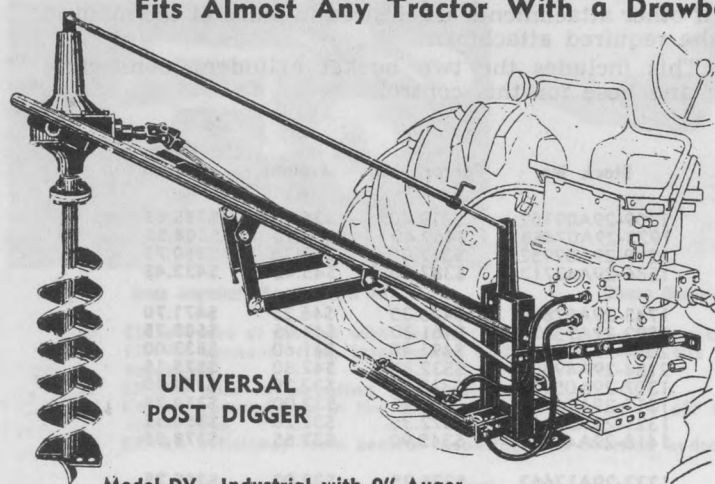
When ordering Hydraulic Bucket Control Kit BFB19-1. This includes the two bucket cylinders, connecting hose and pipe bundle but does not include the additional valving and hose for this control.

| Tractor Model | Hydraulic System | SA DA | Order No. | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|--|------------------|-------|-----------|---------------|--------------|---------|--------------------|
| ALLIS-CHALMER | | | | | | | |
| WD45 & WD | Own Hyd. Sys. | SA | BF2020 | 1309-29A09162 | \$319.40 | \$36.25 | \$355.65 |
| WD45 & WD | PTO Pump | SA | BF2020CL | 1923-29A07483 | \$469.40 | \$39.40 | \$508.55 |
| D14 | Own Hyd. Sys. | SA | BF204 | 1299-29A09952 | \$317.00 | \$33.75 | \$350.75 |
| D17 | Own Hyd. Sys. | SA | BF414 | 1586-29A43713 | \$387.00 | \$45.45 | \$432.45 |
| CASE | | | | | | | |
| 400, 700 & 800 | Own Hyd. Sys. | SA | BF402 | 1743-29A87843 | \$425.35 | \$46.35 | \$471.70 |
| 400, 700 & 800 | Own Hyd. Sys. | DA | BF402DA | 1892-29A95873 | \$461.70 | \$47.05 | \$508.75 |
| 400 Western Spec. | Own Hyd. Sys. | SA | BF2014 | 2014-29A49204 | \$491.40 | \$41.60 | \$533.00 |
| 400 Western Spec. | Own Hyd. Sys. | DA | BF2014DA | 2184-29A49634 | \$532.85 | \$42.30 | \$575.15 |
| VAC | Own Hyd. Sys. | SA | BF207 | 1307-29A05162 | \$318.90 | \$32.20 | \$351.10 |
| VAC & VAC14 | Own Hyd. Sys. | SA | BF204 | 1317-29A34362 | \$321.25 | \$33.00 | \$354.25 |
| 300, 350, 400B & 600B | Own Hyd. Sys. | SA | BF206 | 1321-29A33462 | \$322.35 | \$32.20 | \$354.55 |
| 300, 350, 400B & 600B | Own Hyd. Sys. | DA | BF206DA | 1418-29A46382 | \$345.90 | \$32.65 | \$378.55 |
| COCKSHUTT & CO-OP | | | | | | | |
| 540 | Own Hyd. Sys. | SA | BF213 | 1333-29A17662 | \$325.25 | \$33.00 | \$358.25 |
| 540 | Own Hyd. Sys. | DA | BF213DA | 1487-29A64792 | \$362.75 | \$33.75 | \$396.50 |
| 550 | Own Hyd. Sys. | SA | BF417 | 1744-29A99843 | \$425.60 | \$45.25 | \$470.85 |
| 550 | Own Hyd. Sys. | DA | BF417DA | 1877-29A25573 | \$457.95 | \$45.90 | \$503.85 |
| 560 | Own Hyd. Sys. | DA | BF418DA | 1890-29A81873 | \$461.20 | \$46.80 | \$508.00 |
| FERGUSON & FORD | | | | | | | |
| 8N | Own Hyd. Sys. | SA | BF107 | 1277-29A55552 | \$311.65 | \$31.95 | \$343.60 |
| 2N & 9N | Own Hyd. Sys. | SA | BF107 | 1277-29A55552 | \$311.65 | \$31.95 | \$343.60 |
| NAA | Own Hyd. Sys. | SA | BF101 | 1266-29A83352 | \$309.00 | \$32.20 | \$341.20 |
| 640, 641, 860 & 861 | Own Hyd. Sys. | SA | BF205 | 1317-29A34362 | \$321.25 | \$35.75 | \$357.00 |
| 917 & 740 | Own Hyd. Sys. | SA | BF413 | 1581-29A23613 | \$385.75 | \$44.55 | \$430.30 |
| TO20 & TO30 | Own Hyd. Sys. | SA | BF105 | 1266-29A83352 | \$309.00 | \$31.75 | \$340.75 |
| 20-85, 20-80, & TE20 | Own Hyd. Sys. | SA | BF106 | 1277-29A55552 | \$311.65 | \$32.85 | \$344.50 |
| TO35 | Own Hyd. Sys. | SA | BF100 | 1255-29A31152 | \$306.25 | \$31.05 | \$337.30 |
| 40 Ferg. | Own Hyd. Sys. | SA | BF202 | 1304-29A08062 | \$318.05 | \$33.30 | \$351.35 |
| Fordson Dexta | Own Hyd. Sys. | SA | BF211 | 1339-29A08762 | \$326.60 | \$34.20 | \$360.80 |
| FORDSON MAJOR | | | | | | | |
| Fordson Major | Own Hyd. Sys. | SA | BF2011 | 1760-29A30253 | \$429.30 | \$40.75 | \$470.05 |
| Fordson Major | PTO Pump | SA | BF2011CL | 2231-29A33644 | \$544.30 | \$43.25 | \$587.55 |
| JOHN DEERE | | | | | | | |
| A, G, 50, 60 & 70 | Own Hyd. Sys. | SA | BF404 | 1630-29A61623 | \$397.75 | \$45.00 | \$442.75 |
| A, G, 50, 60 & 70 | Own Hyd. Sys. | DA | BF404DA | 1806-29A92163 | \$440.60 | \$46.35 | \$486.99 |
| 520 & 530 | Own Hyd. Sys. | SA | BF405 | 1671-29A72433 | \$407.65 | \$46.35 | \$454.00 |
| 520 & 530 | Own Hyd. Sys. | DA | BF405DA | 1824-29A09463 | \$445.00 | \$47.00 | \$492.00 |
| 620, 720, 630, 730 | Own Hyd. Sys. | SA | BF406 | 1652-29A64033 | \$403.00 | \$45.65 | \$448.65 |
| 620, 720, 630, 730 | Own Hyd. Sys. | DA | BF406DA | 1805-29A92163 | \$440.60 | \$46.35 | \$486.95 |
| 420W-430W | Own Hyd. Sys. | DA | BF209DA | 1573-29A67413 | \$383.85 | \$36.25 | \$420.10 |
| 3010-4010 | Own Hyd. Sys. | SA | BF422 | 1692-29A64833 | \$412.75 | \$41.60 | \$454.35 |
| 3010-4010 | Own Hyd. Sys. | DA | BF422DA | 1847-29A14963 | \$450.50 | \$42.50 | \$493.00 |
| FARMALL | | | | | | | |
| H | Own Hyd. Sys. | SA | BF407 | 1647-29A44923 | \$401.75 | \$45.45 | \$447.20 |
| M & MD | Own Hyd. Sys. | SA | BF408 | 1651-29A43033 | \$402.85 | \$45.45 | \$448.30 |
| Super H | Own Hyd. Sys. | SA | BF409 | 1705-29A70143 | \$415.95 | \$45.90 | \$461.85 |
| Super M, MD & MTA | Own Hyd. Sys. | SA | BF410 | 1709-29A49143 | \$417.00 | \$45.90 | \$462.90 |
| C, Super C & 200 | Own Hyd. Sys. | SA | BF210 | 1538-29A57703 | \$375.30 | \$34.40 | \$409.70 |
| C, Super, C & 200 | Own Hyd. Sys. | DA | BF210DA | 1685-29A20733 | \$411.00 | \$34.90 | \$445.90 |
| INTERNATIONAL | | | | | | | |
| 300U, 330U & 350U | Own Hyd. Sys. | SA | BF200 | 1317-29A34362 | \$321.25 | \$31.95 | \$353.20 |
| 300U, 330U & 350U | Own Hyd. Sys. | DA | BF200DA | 1459-29A29192 | \$356.00 | \$32.60 | \$388.60 |
| CUB LO-BOY | Own Hyd. Sys. | SA | BF51 | 1339-29A89762 | \$326.80 | \$25.40 | \$352.20 |
| CUB LO-BOY | Own Hyd. Sys. | SA | BF51H | 1888-29A37773 | \$460.65 | \$29.50 | \$490.15 |
| 240U | Own Hyd. Sys. | SA | BF208 | 1317-29A34362 | \$321.25 | \$33.75 | \$355.00 |
| 240U | Own Hyd. Sys. | DA | BF208DA | 1430-29A81682 | \$349.00 | \$34.65 | \$383.65 |
| W400-450-460 | Own Hyd. Sys. | SA | BF2013 | 2326-29A72564 | \$567.40 | \$45.90 | \$613.30 |
| W400-450-460 | Own Hyd. Sys. | DA | BF2013DA | 2487-29A94794 | \$606.70 | \$46.60 | \$653.30 |
| 460U | Own Hyd. Sys. | SA | BF415 | 1678-29A36533 | \$409.30 | \$47.00 | \$456.30 |
| 460U | Own Hyd. Sys. | DA | BF415DA | 1814-29A58263 | \$442.50 | \$47.70 | \$490.20 |
| B275 | Own Hyd. Sys. | SA | BF212 | 1315-29A20362 | \$320.75 | \$32.50 | \$353.25 |
| MASSEY-FERGUSON | | | | | | | |
| MF85 | Own Hyd. Sys. | SA | BF400 | 1695-29A70933 | \$413.50 | \$46.60 | \$460.10 |
| MF85 | Own Hyd. Sys. | DA | BF400DA | 1847-29A14963 | \$450.50 | \$47.50 | \$498.00 |
| MH50 & MF65 | Own Hyd. Sys. | SA | BF202 | 1303-29A67062 | \$318.00 | \$33.30 | \$351.30 |
| MF35 | Own Hyd. Sys. | SA | BF100 | 1255-29A31152 | \$306.25 | \$31.00 | \$337.25 |
| Note: The MF85 Tractor must be equipped with a MF677219 Valve and a MF67226 Breakaway Coupler and Hose Kit. | | | | | | | |
| MINNEAPOLIS-MOLINE | | | | | | | |
| 5 Star | Own Hyd. Sys. | DA | BF419 | 1746-29A42943 | \$425.90 | \$47.00 | \$472.90 |
| 445 Universal | Own Hyd. Sys. | DA | BF419DA | 1880-29A81673 | \$458.75 | \$47.70 | \$506.45 |
| 45 Univ. & 4 Star & Jet Star | Own Hyd. Sys. | DA | BF9001 | 1739-29A68743 | \$424.25 | \$40.90 | \$465.10 |
| 335, 445 Util. & 335 Univ. & 4 Star | Own Hyd. Sys. | DA | BF9002 | 1692-29A64833 | \$412.75 | \$40.00 | \$452.75 |
| 335 Utility | Own Hyd. Sys. | DA | BF103DA | 1380-29A41672 | \$336.75 | \$30.85 | \$367.60 |
| GBD Standard | Own Hyd. Sys. | DA | BF421DA | 1941-29A72883 | \$473.50 | \$47.25 | \$520.75 |
| GB Standard | Own Hyd. Sys. | DA | BF420DA | 1967-29A25393 | \$479.90 | \$46.60 | \$526.50 |
| M5 | Own Hyd. Sys. | SA | BF419 | 1746-29A42943 | \$425.90 | \$47.00 | \$472.90 |
| M5 | Own Hyd. Sys. | DA | BF419DA | 1880-29A81673 | \$458.75 | \$47.70 | \$506.45 |
| OLIVER | | | | | | | |
| 55 Super & 550 | Own Hyd. Sys. | SA | BF203 | 1334-29A19662 | \$325.50 | \$32.60 | \$358.10 |
| 55 Super & 550 | Own Hyd. Sys. | DA | BF203DA | 1459-29A29192 | \$356.00 | \$34.40 | \$390.40 |
| 770 & 880 | Own Hyd. Sys. | DA | BF401 | 1859-29A59173 | \$453.60 | \$47.25 | \$500.85 |

Twin Draulic POSTHOLE DIGGERS

FIT MOST TRACTORS WITH A BUILT-IN
HYDRAULIC SYSTEM

Fits Almost Any Tractor With a Drawbar



UNIVERSAL
POST DIGGER

Model-DV—Industrial with 9" Auger—

| | | | |
|---------------|--------------|---------|-----------------------|
| Stock No. | Factory List | Freight | List F.O.B. S'toon |
| 1081-30A22712 | \$264.90 | \$13.75 | \$278.65 |

Model-EV—Standard with 9" Auger—

| | | | |
|--------------|--------------|---------|-----------------------|
| Stock No. | Factory List | Freight | List F.O.B. S'toon |
| 813-30A77261 | \$198.50 | \$12.60 | \$211.10 |

DO FENCING THE MODERN WAY



3-POINT
LINKAGE MODEL

STANDARD GEAR BOX



STANDARD MODEL DIGGER DIGS 42" HOLE

Fits the needs of average farmers for line fencing, repairing or putting in temporary fences. Fencing a field is now done in a matter of hours instead of days. Telescoping arm fixes auger to drill at any desired angle in line with the tractor. One man spots, lowers, and raises the auger without leaving the tractor seat. Eight auger sizes are available. The 9-inch auger is standard equipment. The shear pin in the universal joint assures safety and is easily replaced. P.T.O. driven . . . reinforced tubular arms lift and lower the gears and auger . . . no shaking or wobbling in action. It is equipped with "Double Flighted" auger for half the shaft. 1/4" Flighting— heavier than other diggers selling for higher prices. Cast gears run in Transmission Grease.

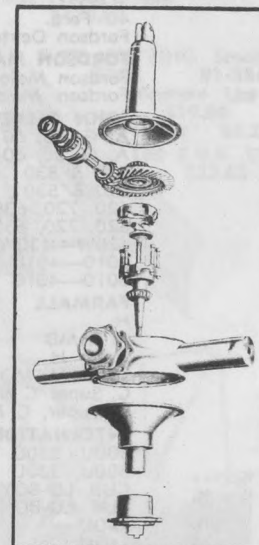
NOTE: FOR LISTINGS AND PRICES
SEE PAGE 31

INDUSTRIAL MODEL DIGS 42" HOLE

Fits the needs of custom fencing or construction and large farms, nurseries, etc. Built for continuous service and hard usage. The Industrial Model Digger can "take it." The only digger offering all these features:

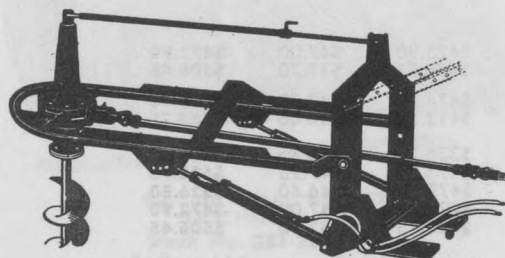
- **TELESCOPING ARM** fixes auger to drill at any angle desired. Spot, lower, dig and raise the auger without leaving tractor seat.
- **STEEL-CUT, PRECISION GEARS** run in Timken Bearings and are sealed in oil. Held in perfect alignment.
- **ALL BEARINGS** and gears are replaceable. Finest cast steel gear housing.
- **AUGER** is "Double Flighted" with 1/4" Flighting. No heavier flighting on the market today. Digs to 42".
- **REPLACEABLE AUGER POINT**—can be replaced with sharp point in minutes. An important feature if your land is rocky.
- **HEAVY DUTY UNIVERSAL JOINT** is mounted with shear pin at power take-off. Ring gear, pinion shaft and auger shaft assembly is mounted in Timken Tapered Bearings. Main auger shaft and bearing race assembly is contained in this housing and sealed to prevent grease from leaking. All bearings and gears are replaceable.

INDUSTRIAL GEAR BOX



MODEL DEE6 HEAVY DUTY INDUSTRIAL DIGGER WITH UNIVERSAL MOUNTING FOR TRACTOR DRAWBARS (DIGS 42" HOLE)—with UNIVERSAL MOUNTS—LESS AUGER

The Twin-Draulic Heavy Duty Digger is equipped with a universal mounting that adapts it to most tractor drawbars. Designed for heavy industrial work the 1/4" double-flighted auger has a digging depth of 60" with auger sizes available from 4" to 24". Standard length augers priced on page 31 can also be used on this posthole digger.



| | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|---|---------------|--------------|---------|-----------------------|
| Model DEE6 Ind. Digger (Less Auger) | 1316-30A22362 | \$321.00 | \$21.40 | \$342.40 |
| AB2-1P-60—4x60 Auger | 212-30A6524 | \$51.90 | \$2.25 | \$54.15 |
| AB2-1A-60—6x60 Auger | 241-30A6284 | \$58.85 | \$2.70 | \$61.55 |
| AB2-1C-60—9x60 Auger | 267-30A1535 | \$65.25 | \$3.15 | \$68.40 |
| AB2-1E-60—11x60 Auger | 337-30A7576 | \$82.40 | \$3.40 | \$85.80 |
| AB2-1G-60—12x6 Auger | 390-30A1187 | \$95.25 | \$3.60 | \$98.85 |
| AB2-1H-60—14x60 Auger | 421-30A6248 | \$102.75 | \$4.25 | \$107.00 |
| AB2-1K-60—18x60 Auger | 486-30A6379 | \$118.75 | \$4.95 | \$123.70 |
| AB2-1L-60—24x60 Auger | 706-30A25141 | \$172.25 | \$5.65 | \$177.90 |

Twin Draulic

DIGGERS

| STANDARD MODEL | | | | INDUSTRIAL MODEL | | | |
|--|--------------|--------------|--------------|------------------|---------------|--------------|--------------|
| | Stock No. | Factory List | Frgh. S'toon | | Stock No. | Factory List | Frgh. S'toon |
| ALLIS CHALMERS CA | 745-31A61941 | \$181.90 | \$12.60 | \$194.50 | 1017-31A75302 | \$248.25 | \$13.75 |
| ALLIS CHALMERS WD, WD45, D14, D17 | 686-31A82931 | \$169.85 | \$10.80 | \$180.65 | 968-31A86391 | \$236.20 | \$11.95 |
| CASE DC and SC w/Cultivator Lift | 686-31A82931 | \$169.85 | \$11.05 | \$180.90 | 968-31A86391 | \$236.20 | \$12.15 |
| CASE D and SC w/Eagle Hitch | 686-31A82931 | \$169.85 | \$11.05 | \$180.90 | 968-31A86391 | \$236.20 | \$12.15 |
| CASE VAC and VAC14 w/Eagle Hitch | 627-31A64521 | \$153.00 | \$10.55 | \$163.55 | 899-31A78971 | \$219.35 | \$11.70 |
| CASE 300 w/Eagle Hitch | 627-31A64521 | \$153.00 | \$10.55 | \$163.55 | 899-31A78971 | \$219.35 | \$11.70 |
| CASE 400 w/Eagle Hitch (down pressure can be used) | 686-31A82931 | \$169.85 | \$11.05 | \$180.90 | 968-31A86391 | \$236.20 | \$12.15 |
| FORDSON Major (New Style) | 629-31A78521 | \$155.50 | \$10.15 | \$165.65 | 910-31A40281 | \$222.00 | \$11.25 |
| FORD 2N, 9N, 8N, 600 800 Ferguson 20, 30, 35, 40 Massey 50 | 627-31A64521 | \$153.00 | \$10.15 | \$163.15 | 899-31A78971 | \$219.35 | \$11.25 |
| FORD 960, 950, 740 | 627-31A64521 | \$153.00 | \$10.15 | \$163.15 | 899-31A78971 | \$219.35 | \$11.25 |
| IHC Super 5A and 100 w/touch control system without fast hitch | 719-31A19341 | \$175.50 | \$13.75 | \$189.25 | 991-31A82891 | \$241.80 | \$14.85 |
| IHC Super C, C200 w/touch control system | 719-31A19341 | \$175.50 | \$13.75 | \$189.25 | 991-31A82891 | \$241.80 | \$14.85 |
| IHC Super C, C200, 230 w/fast hitch (down pressure can be used) | 686-31A82931 | \$169.85 | \$12.15 | \$182.00 | 968-31A86391 | \$236.20 | \$13.25 |
| IHC Farmall 300, 400 H and M Series using our cylinder to operate digger | 809-31A78161 | \$197.40 | \$14.60 | \$212.00 | 1031-31A82612 | \$263.75 | \$15.75 |
| IHC Farmall 300, 400, 350, 450 w/fast hitch (down pressure) | 686-31A82931 | \$169.85 | \$12.15 | \$182.00 | 968-31A86391 | \$236.20 | \$13.25 |
| IHC Farmall 300, 400 H and H Series using IHC Cultivator Cylinder | 686-31A82931 | \$169.85 | \$10.80 | \$180.65 | 968-31A86391 | \$236.20 | \$11.95 |
| IHC 300, 330, 350 Utility w/Fast Hitch (down pressure) | 686-31A82931 | \$169.85 | \$12.15 | \$182.00 | 968-31A86391 | \$236.20 | \$13.25 |
| JD 50, 60, 70 w/three point hitch | 686-31A82931 | \$169.85 | \$11.05 | \$180.90 | 968-31A86391 | \$236.20 | \$12.15 |
| JD AB, 50, 60, 70 (G with Rock Shaft) | 686-31A82931 | \$169.85 | \$10.80 | \$180.65 | 968-31A86391 | \$236.20 | \$11.95 |
| JD 520, 620, 720 w/Power Trol Lift | 721-31A23441 | \$176.00 | \$11.25 | \$187.25 | 993-31A37891 | \$242.35 | \$12.35 |
| JD MT (Auxiliary Cylinder furnished to operate digger) | 770-31A00451 | \$187.80 | \$13.25 | \$201.05 | 1042-31A04802 | \$254.15 | \$14.40 |
| JD M (Auxiliary Cylinder furnished to operate digger) | 770-31A00451 | \$187.80 | \$13.25 | \$201.05 | 1042-31A04802 | \$254.15 | \$14.40 |
| JD 40, 40U, 420 | 673-31A96431 | \$164.25 | \$10.60 | \$174.85 | 945-31A90981 | \$230.60 | \$11.70 |
| MASSEY HARRIS 30, 33, 44, 44 Special w/Depth-o-Matic | 739-31A58741 | \$180.30 | \$14.50 | \$194.80 | 1011-31A52202 | \$246.65 | \$15.55 |
| MASSEY 50, Ford 2N, 9N, 8N, 600, 800 Ferguson 20, 35, 40 | 627-31A64521 | \$153.00 | \$10.15 | \$163.15 | 899-31A78971 | \$219.35 | \$11.25 |
| MINNEAPOLIS MOLINE "R" w/Cultivator Lift | 766-31A43351 | \$187.00 | \$13.50 | \$200.50 | 1038-31A17702 | \$253.30 | \$14.60 |
| MINNEAPOLIS MOLINE "U" w/Cultivator Lift | 757-31A05151 | \$184.75 | \$14.60 | \$199.35 | 1029-31A28502 | \$251.00 | \$15.75 |
| MINNEAPOLIS MOLINE 445 Utility 445 Universal 335 Utility | 650-31A50031 | \$158.60 | \$11.00 | \$169.60 | 922-31A05481 | \$225.00 | \$12.15 |
| MINNEAPOLIS MOLINE Five Star w/Lift | 721-31A23441 | \$176.00 | \$11.25 | \$187.25 | 993-31A37891 | \$242.35 | \$12.35 |
| OLIVER 77 and 88 (Auxiliary cylinder furnished) | 809-31A78161 | \$197.40 | \$14.60 | \$212.00 | 1031-31A82612 | \$263.75 | \$15.75 |
| OLIVER Super 55 | 627-31A64521 | \$153.00 | \$10.55 | \$163.55 | 899-31A78971 | \$219.35 | \$11.70 |

*John Deere Cultivator Arms No. CA594 must be used to operate the digger.

The above prices are complete with Tractor Mount and 9" auger.

Should other size or Industrial auger be sold, then the following additions or deductions be made from the below prices.

4" Auger in lieu of 9" standard auger — Deduct \$1.20 from price.

6" auger in lieu of 9" standard auger — Add \$4.02 to price.

12" auger in lieu of 9" standard auger — Add \$25.99 to price.

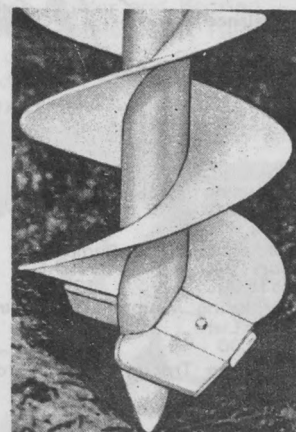
PRICES ON AUGERS WITH BITS

| STANDARD | | | INDUSTRIAL AUGERS | | |
|-------------|--------------|-----------------|-------------------|-------------|----------------|
| | Stock No. | List | | Stock No. | List |
| AB2-1C-3 9" | 153-31A9703 | \$37.55 | AB2-1P 4" | 148-31A7792 | \$36.30 |
| AB2-1E3 11" | 168-31A2633 | \$41.00 | AB2-1A 6" | 185-31A5173 | \$45.30 |
| AB2-1K 18" | 329-31A9856 | \$80.35 | AB2-1C 9" | 196-31A6393 | \$48.00 |
| AB2-1L 24" | 501-31A92001 | \$122.30 | AB2-1E 11" | 209-31A0914 | \$51.10 |
| | | | AB2-1G 12" | 267-31A9535 | \$65.35 |
| | | | AB2-1H 14" | 288-31A5675 | \$70.30 |

PRICES ON BITS

| | Stock No. | List | | Stock No. | List |
|-------------|------------|----------------|-------------|-------------|----------------|
| A1-401P 4" | 29-31A995 | \$7.30 | A1-401G 12" | 63-31A1721 | \$15.50 |
| A1-401A 6" | 42-31A948 | \$10.35 | A1-401H 14" | 68-31A5631 | \$16.65 |
| A1-401C 9" | 47-31A349 | \$11.50 | A1-401K 18" | 86-31A6271 | \$21.05 |
| A1-401E 11" | 55-31A9111 | \$13.65 | A1-401L 24" | 164-31A4823 | \$40.05 |

REPLACEABLE AUGER and POINTS



Replaceable Bits are made of case hardened steel for digging efficiency. Replaced in a few minutes — an important feature in rock land.

THE NEW IMPROVED **LINDEN** **POST DRIVER**

ANOTHER PATENTS PENDING

dependable Linden product

- TAKES DRUDGERY OUT OF FENCING.
- POSTS ARE DRIVEN IN FASTER, FIRMER THAN ANY OTHER METHOD.
- DRIVE POST ON EITHER SIDE OF FENCE WITHOUT FOULING EXISTING WIRE.
- DO A MILE A DAY OR MORE.
- NOTE RUGGED CONSTRUCTION AND SIMPLICITY OF DESIGN.
- WHEN HAMMER IN LOWEST POSITION - WEIGHT IS BALANCED ON CENTRE OF UNIT, ALLOWING EASY HITTING AND SAFE TRANSPORTING.

WHAT ALBERTA
MAKES



MAKES ALBERTA

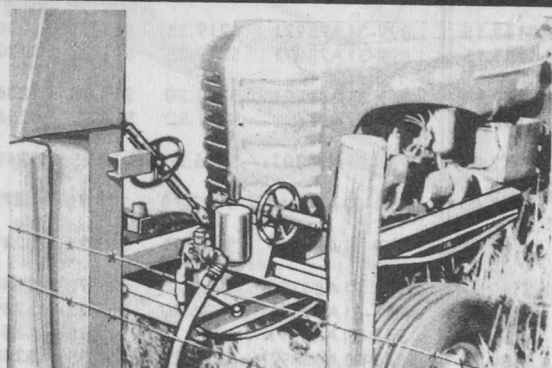
PRICED LOW

FOR

VOLUME SALES

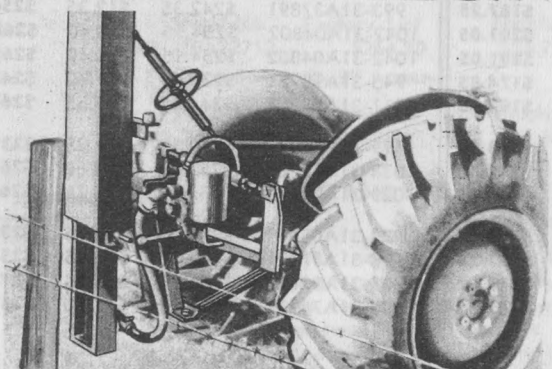
IN REACH OF

EVERY FARMER



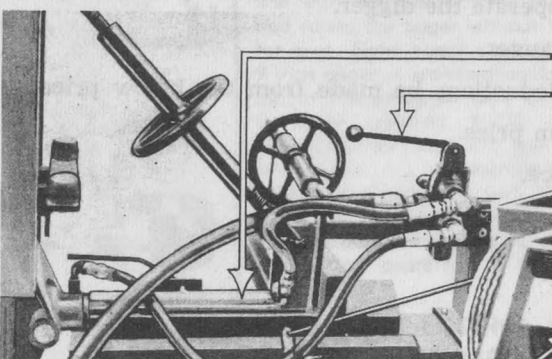
Each Linden Post Driver includes 2 turnbuckles for 2-way plumbing and necessary valve, hoses and fittings. Trailer Mounted Drivers have an 'in and out' hydraulic control.

FRONT MOUNT.
The Economy Unit.



**3 POINT HITCH
P.T.O. PUMP.**

Quick installation and ease of operation and maneuvering.



OPTIONAL EQUIPMENT.

Can be purchased with machine at small extra cost

Weight box to counter balance weight of hammer.

Hydraulically operated free fall 330 lbs. large base hammer - drops flat and does not split the post.

9 ft. lift from ground to allow for driving of large corral posts.

Post diameter not restricted and easily held and guided by one hand.

Two turnbuckles for two-way positive plumbing - can be replaced by your ratchets or cylinders if preferred.

Hydraulically "in and out" feature for ease of lining up on trailer mounted units.

Choice of mounted pump driven by 3 h.p. engine or tractor P.T.O. pump or tractor hydraulic.

Finger tip control for one man operation and ease of handling.

14" or 15" drop centre wheels with Timken bearings for high speed towing.

TRAILER UNIT READY TO GO . . . WITH TRUCK OR TRACTOR.

| | | | |
|---|-----------------------|-----------------|-----------------------------|
| Linden Post Driver with trailer using Tractor Hyd. | | | |
| Stock No. 1980-32A00693 | Factory List \$495.00 | Freight \$25.75 | List F.O.B. S'toon \$520.75 |
| Linden Post Driver with trailer, using P.T.O. Pump | | | |
| Stock No. 2140-32A00824 | Factory List \$535.00 | Freight \$26.00 | List F.O.B. S'toon \$561.00 |
| Linden Post Driver with trailer, using Mounted Pump (less engine) | | | |
| Stock No. 1980-32A00693 | Factory List \$495.00 | Freight \$25.75 | List F.O.B. S'toon \$520.75 |
| Linden Post Driver for mounting on Tractor (side or front) using tractor hydraulics, less Mounting brackets | | | |
| Stock No. 1180-32A00632 | Factory List \$295.00 | Freight \$12.90 | List F.O.B. S'toon \$307.90 |

| | | | |
|---|-----------------------|-----------------|-----------------------------|
| Linden Post Driver for mounting on Tractor (side or front) using P.T.O. pump, less Mounting Brackets | | | |
| Stock No. 1380-32A00672 | Factory List \$345.00 | Freight \$13.50 | List F.O.B. S'toon \$358.50 |
| Linden Post Driver for mounting on tractor 3 point hitch (including Mounting Brackets) using Tractor hydraulics | | | |
| Stock No. 1300-32A00062 | Factory List \$325.00 | Freight \$13.75 | List F.O.B. S'toon \$338.75 |
| Linden Post Driver for mounting on Tractor 3 point hitch (including Mounting Brackets) using P.T.O. pump | | | |
| Stock No. 1620-32A00423 | Factory List \$405.00 | Freight \$14.50 | List F.O.B. S'toon \$419.50 |

ROBIN POST HOLE DIGGERS

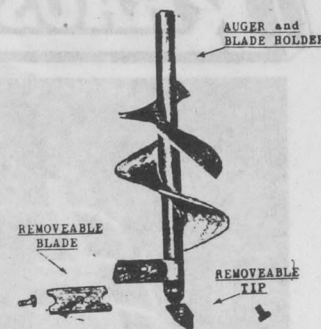
Super "D30" with Clutch

OUTSTANDING FEATURES

1. Popular "ROBIN" Universal Joints — LONG WEARING.
2. Sturdy, simplified friction type Slip Clutch — PROTECTION.
3. Telescope Drive Shaft — permits extension for CONVENIENT SPOTTING.
4. OIL BATH Gear Case.
5. Special Guide Yoke — PREVENTS SIDE SWIPING.
6. CONVENIENTLY LOCATED HANDLES.

STURDY CONSTRUCTION FOR LONG LIFE . . . EASY TO TRANSPORT . . . "ROBIN" POST-HOLE DIGGERS TAKE THE HARD WORK AND BACKACHE OUT OF FENCE BUILDING.

Stock No. 530-33A91601 List Price **\$129.50**



| AUGERS | | | | |
|----------------|---------------------|--------|------------|------------|
| Auger Part No. | Less Bit & Tip Dia. | Length | Stock No. | List Price |
| 166-1-0020 | 4" | 30" | 53-33A6601 | \$13.00 |
| 166-1-0021 | 4" | 36" | 57-33A2311 | \$13.80 |
| 166-1-0022 | 4" | 40" | 60-33A7911 | \$14.60 |
| 166-1-0025 | 6" | 30" | 57-33A2311 | \$13.80 |
| 166-1-0026 | 6" | 36" | 61-33A4121 | \$14.80 |
| 166-1-0027 | 6" | 40" | 65-33A6921 | \$15.80 |
| 166-1-0030 | 8" | 30" | 75-33A7941 | \$18.25 |
| 166-1-0031 | 8" | 36" | 84-33A3761 | \$20.40 |
| 166-1-0032 | 8" | 40" | 89-33A9771 | \$21.70 |

| BLADES | | | |
|------------|-----------|----------------|-------------------|
| Auger Size | Hole Dia. | Blade Part No. | List Price |
| 4" | 5" | 06-33A911 | 166-1-0055 \$1.45 |
| 4" | 6" | 06-33A911 | 166-1-0056 \$1.45 |
| 6" | 7" | 06-33A321 | 166-1-0058 \$1.50 |
| 6" | 8" | 06-33A321 | 166-1-0059 \$1.50 |
| 8" | 9" | 06-33A721 | 166-1-0061 \$1.55 |
| 8" | 10" | 07-33A531 | 166-1-0062 \$1.65 |

| TIPS | | | |
|--------------|----------|--|------------|
| Tip Part No. | | | List Price |
| 166-1-0050 | 04-33A68 | | \$1.05 |
| 166-1-0050 | 04-33A68 | | \$1.05 |
| 166-1-0050 | 04-33A68 | | \$1.05 |
| 166-1-0050 | 04-33A68 | | \$1.05 |
| 166-1-0053 | 05-33A89 | | \$1.20 |
| 166-1-0053 | 05-33A89 | | \$1.20 |

The Economy Rod Weeder Attachment For All Chisel Plows

THIS ROD WEEDING WAY WILL REALLY PAY

(Two Complete Operations In One)

Check These Features:

- ★ Low cost and maintenance
- ★ Simplicity of installation for left or right hand drive
- ★ Sturdy construction using 7/8" square steel rod
- ★ Drive wheel follows contour of ground giving positive driving action
- ★ Drive wheel can be easily raised for transporting
- ★ Roller bearings used in drive wheel gear assembly

REPLACEABLE ROD BEARINGS of inexpensive cast iron

| | | |
|---------------------------|-------------|--------|
| 12 ft. 4 shank Rod Weeder | 420-33A0048 | 105.00 |
| 14 ft. 5 shank Rod Weeder | 450-33A2998 | 112.40 |
| 15 ft. 5 shank Rod Weeder | 452-33A4409 | 113.05 |
| 17 ft. 6 shank Rod Weeder | 482-33A6369 | 120.45 |

| | | |
|--|-----------|------|
| Additional Shank Holder and Bearing .. | 24-33A884 | 6.10 |
| For John Deere and IHC Deep Tillage | | |
| Brackets, additional | 14-33A882 | 3.60 |
| Additional Rod per ft. | 02-33A25 | .65 |

ECONOMY used with modern scientific farming methods

ECONOMY for cleaner, deeper weeding

ECONOMY for levelling land

ECONOMY for trash coverage cleaner fields leaving a well mulched and cloddy condition essential to the conservation of moisture and prevention of blowing

ECONOMY as as subsurface for a firm seed bed and top surface conditioner

A FULL LINE OF DEMPSTER CULTIVATOR REPAIRS AVAILABLE

ALL PRICES F.O.B. SASKATOON



NEW 4 BAR CHISEL PLOW



Works fast to
make friends

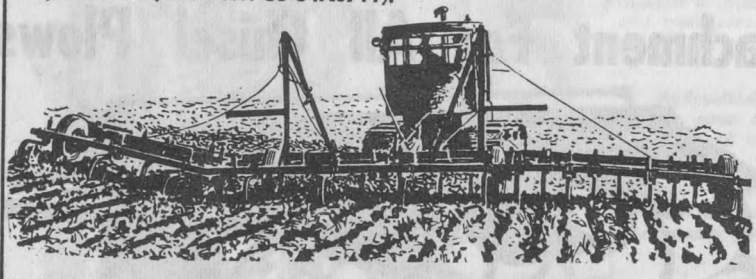
The Ideal Chisel or Stubble Mulch Plow

Designed to Work Without Clogging . . . Full 26" Shank.
Deep Positive Penetration Up to 8" or More Depending on Soil Condi-
tions.
Extra Wide Ample Clearance Between All Shanks Eliminates Trash Clog-
ging Around Rocker Shaft Arms and Wheels.
Heavy Husky 4 Bar Frame and Rugged Rocker Shaft With Ample
Reserve Strength to Use 1, 2, or 3 Shank Extensions.
Fabricated Steel Spring Release Shank Specially Built to Work Effi-
ciently and Safely in Rocky Soils.

FLEXIBLE WING PLOWS

| | | | Stock No. | Factory List | Freight | S'toon | List F.O.B. |
|---------|----|-------|-----------------|--------------|----------|--------|-------------|
| 176-0-0 | 22 | Shank | 7439-34A187841 | \$1814.40 | \$190.15 | | \$2004.55 |
| 176-0-0 | 24 | Shank | 7688-34A977351 | \$1875.35 | \$195.75 | | \$2071.10 |
| 176-0-0 | 26 | Shank | 8038-34A167061 | \$1960.50 | \$203.65 | | \$2164.15 |
| 177-0-0 | 28 | Shank | 8376-34A625761 | \$2043.00 | \$218.20 | | \$2261.20 |
| 177-0-0 | 30 | Shank | 8676-34A825271 | \$2104.00 | \$223.90 | | \$2327.90 |
| 177-0-0 | 32 | Shank | 8974-34A894971 | \$2189.00 | \$232.00 | | \$2421.00 |
| 179-0-0 | 34 | Shank | 9596-34A739191 | \$2340.70 | \$261.65 | | \$2602.35 |
| 179-0-0 | 36 | Shank | 9842-34A148691 | \$2400.50 | \$267.25 | | \$2667.75 |
| 179-0-0 | 38 | Shank | 10184-34A886302 | \$2484.00 | \$275.00 | | \$2759.00 |

If Regular clamp preferred in lieu of Spring clamp deduct \$14.00 per shank (Stock No. 58-34A6711).



The New Four Bar Cultivator

- ★ The only 4 bar cultivator on the market.
- ★ The 26" high clearance shanks for greater clearance.
- ★ The new 4 bar cultivator gives you 22" unparallelled clear-
ance for sweeps and trash around wheels.
- ★ Built with full 4" box frame for unequalled strength.
- ★ The combination of four rows and 26" high clearance shanks
gives you more clearance than any plow on the market.

270-30-0 Spring Shock w/1"x2" Shank, Regular

| | | | Stock No. | Fac. List | Freight | S'toon | List F.O.B. |
|--------------------|----------|--|----------------|-----------|----------|--------|-------------|
| 72" Wheel Spacing | | | | | | | |
| Model 270 | 9-shank | | 2996-34A62995 | \$730.80 | \$78.95 | | \$809.75 |
| | 11-shank | | 3307-34A45166 | \$806.75 | \$86.00 | | \$892.75 |
| | 13-shank | | 3724-34A79447 | \$908.50 | \$96.50 | | \$1005.00 |
| | 15-shank | | 4163-34A17238 | \$1015.50 | \$107.90 | | \$1123.40 |
| 108" Wheel Spacing | | | | | | | |
| Model 271 | 10-shank | | 3180-34A21636 | \$775.75 | \$87.60 | | \$863.35 |
| | 12-shank | | 3492-34A44896 | \$851.75 | \$94.60 | | \$946.35 |
| | 14-shank | | 3904-34A98087 | \$952.30 | \$104.95 | | \$1057.25 |
| | 16-shank | | 4347-34A35968 | \$1060.40 | \$116.50 | | \$1176.90 |
| 144" Wheel Spacing | | | | | | | |
| Model 273 | 15-shank | | 4308-34A26168 | \$1050.75 | \$122.20 | | \$1172.95 |
| | 17-shank | | 4623-34A67429 | \$1127.75 | \$129.25 | | \$1257.00 |
| | 19-shank | | 5040-34A918001 | \$1229.50 | \$139.60 | | \$1369.10 |
| | 21-shank | | 5479-34A395901 | \$1336.50 | \$151.10 | | \$1487.60 |

If Regular clamp preferred in lieu of Spring clamp deduct \$19.00 per shank (Stock No. 79-34A6951).

WHEEL MOUNTED TANDEM DISC HARROW



● **RUGGED STURDY FRAME** welded into one unit of box-type members needs no braces . . . gives you the weight and strength you need to do a good job of levelling in your fields.

● **DISC ANGLE ADJUSTMENT** in 10 seconds simply by pulling a pin! You can set front and rear gangs independent of each other—a must for level discing at high speed on varying ground conditions.

● **ADJUSTABLE DISC GANG SPACING** to prevent ridging at all speeds—just slide gangs in or out on rear disc gang beam as needed.

● **BEARING ARMS** located for maximum strength and trash clearance.

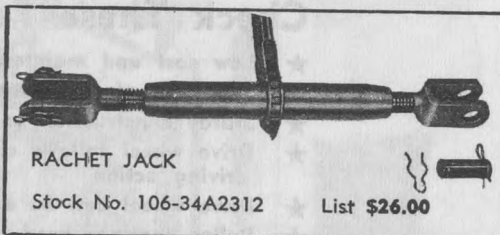
● **AMPLE TRASH CLEARANCE.** Greater distance between gangs. This prevents galloping at high speed. It also allows dirt to flow naturally from the front gangs without tire interference, preventing ridging.

● ***SPRING HITCH AND LEVELLING SCREW** absorbs shock and adjusts quickly to any tractor drawbar height. Lets you lift front gangs, bury rear gangs to fill dead furrows.

*Optional equipment.

● ***DEPTH CONTROL GAUGE** provides sure return to any depth setting you select, even if your hydraulic cylinder has no stop. Assures an even seed bed; acts as road lock

*Optional equipment.



RATCHET JACK

Stock No. 106-34A2312

List \$26.00

| | Stock No. | Factory List | Freight | List F.O.B. |
|------------------------------|-----------|--------------|---------|-------------|
| Model 210 12 ft. 2"—18" Disc | | | | |
| 339-34A21976 | \$828.20 | \$101.35 | | \$929.55 |
| Model 210 12 ft. 4"—20" Disc | | | | |
| 3667-34A94337 | \$894.50 | \$107.40 | | \$1001.90 |
| Model 388 20 ft 2"—20" Disc | | | | |
| 7365-34A313741 | \$1796.50 | \$209.00 | | \$2005.50 |
| Model 412 14 ft. 8"—20" Disc | | | | |
| 4145-34A41928 | \$1011.15 | \$124.15 | | \$1135.30 |

● **FIELD PROVED ANTI-FRICTION BEARINGS** factory-greased for life—no more greasing. Self-aligning, they minimize friction and let you run one gear faster or pull a bigger disc.

● **DISC-FIT SPOOLS**—weight 9 3/4 lbs.—3 times as much as some others—precision machined bore and ends match curved disc surfaces, hold discs rigidly—eliminate wobble and misalignment for longer life better discing.

● **EXTRA HEAVY SCRAPERS** withstand the punishment of hybrid cornstalks, roots and stubble. Rigidly mounted, yet easily moved nearer to the blades or farther away.

KEEP 'EM DIGGING...

use **ADAMS** HARD-FACED
HEAT-TREATED
Special Duty
CULTIVATOR SHOVELS

THEY GIVE DOUBLE
OR EVEN TRIPLE
THE SERVICE LIFE



An extra insert of hard metal is applied to the grooved points of Adams Chisels. Then hard-facing is applied over the entire point. This extra metal not only assures longer life and maximum penetration, but aids the chisel in maintaining suction.

SPECIFICATIONS

Graham-Jeffroy type, 2 hole on 2 1/4" centers. 7/16" bolts. If countersunk slot and hole desired, add "S" to part number.

FOR 16-INCH SHANK—Low Clearance

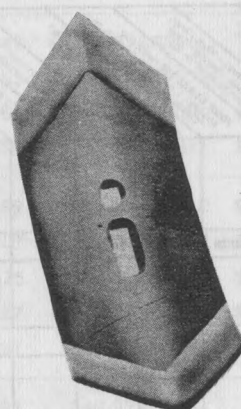
No. 250-16—5/8" x 2" x 15"

No. 200-16—1/2" x 2" x 15"

FOR 22-INCH SHANK—High Clearance

No. 250-22—5/8" x 2" x 15"

No. 200-22—1/2" x 2" x 15"



REVERSIBLE
POINTS

BEAVER TAILS

The Beavertail (Malta Shovel) has been used for many years in this area. The Adams Hard-Faced, Heat-Treated Beaver Tail has the added advantages of hard-facing and heat-treating. It's a tough tool! Its wear-resistance and long life make it especially valuable anytime a tool of this type can be used to advantage.

SPECIFICATIONS

No. 80—4" x 1 1/4" 5" x 1 1/4"
6" x 1 1/4"



In many areas where unusual soil conditions exist, Adams Hard-Faced, Heat-Treated Cultivator Shovels are the standard of efficiency. Skillful hard-facing and precision heat-treating produce a shovel with twice or even triple the usefulness and efficiency of the ordinary shovel. Where ordinary shovels rapidly become dull and lose their point, the Adams shovel keeps digging with a sharp point. "Special Duty Cultivator" shovels are available for just about every plow. For correct sizes and spacings, see the Adams comparison chart.

ADAMS HARD FACED AND HEAT TREATED SWEEP PRICES

| | Stock No. | List |
|---------|------------|-------|
| 6 inch | 15-35C213 | 3.90 |
| 8 inch | 17-35C843 | 4.35 |
| 10 inch | 19-35C883 | 4.85 |
| 12 inch | 24-35C484 | 6.05 |
| 14 inch | 27-35C445 | 6.80 |
| 16 inch | 29-35C695 | 7.45 |
| 18 inch | 37-35C447 | 9.30 |
| 20 inch | 44-35C298 | 11.15 |
| 22 inch | 51-35C0201 | 12.75 |

ADAMS HEAVY DUTY CHISELS PRICE

| | | |
|----------|-----------|------|
| 5/8x2x15 | 20-35C804 | 5.10 |
| 1/2x2x15 | 15-35C213 | 3.90 |

ADAMS HEAVY DUTY SPIKES PRICE

| | | |
|----------|-----------|------|
| 5/8x2x15 | 20-35C804 | 5.10 |
| 1/2x2x15 | 16-35C233 | 4.15 |

ADAMS HEAVY DUTY COMBINATION SPIKE No. 350

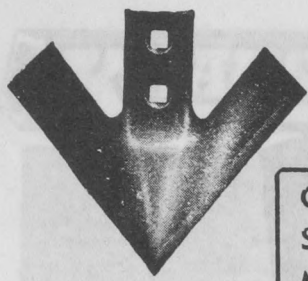
| | | |
|----------|-----------|------|
| 5/8x2x15 | 16-35C823 | 4.10 |
| 1/2x2x15 | 14-35C082 | 3.50 |

ADAMS FURROW SHOVEL 15-35C213 3.90

ADAMS MALTA SHOVEL

| | (Beaver Tail) | |
|-------------|---------------|------|
| 4 in. x 1/4 | 09-35C481 | 2.30 |
| 5 in. x 1/4 | 10-35C612 | 2.70 |
| 6 in. x 1/4 | 11-35C232 | 2.90 |

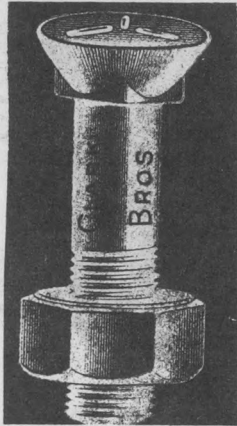
ALL PRICES F.O.B. SASKATOON



ADAMS

ONCE AGAIN ADAMS HAS ADDED NEW ALLOY STEEL HEAT-TREATED SWEEPS, CHISELS AND SPIKES TO FIT BETTER AND TILL BETTER ON ALL MAKES AND MODELS OF CULTIVATORS AND CHISEL PLOWS. HIGH CROWN AT NO EXTRA COST.

PLOW BOLTS THESE ARE AN ALLOY STEEL SWEEP WHICH ARE SUPERIOR TO CARBON STEEL USED IN MOST OTHER SWEEPS.



PAPCO HEAT TREATED W/HEX. NUTS

| | Stock No. | List per Hundred |
|--------------|------------|------------------|
| 7/16 x 1 3/4 | 41-36C428 | \$10.30 |
| 7/16 x 2 | 43-36C468 | \$10.80 |
| 7/16 x 2 1/4 | 49-36C489 | \$12.30 |
| 7/16 x 2 1/2 | 50-36C6101 | \$12.70 |
| 1/2 x 2 | 56-36C0211 | \$14.00 |
| 1/2 x 2 1/4 | 58-36C8611 | \$14.60 |

SWEEPS

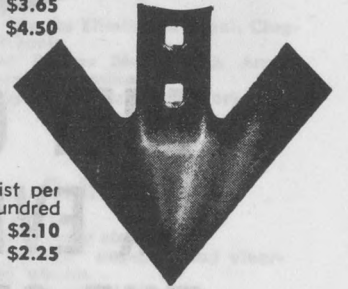
| | Stock No. | List per Hundred |
|-----------|-----------|------------------|
| 1/4 x 10" | 10-36C002 | \$2.50 |
| 1/4 x 12" | 11-36C822 | \$2.85 |
| 1/4 x 14" | 12-36C652 | \$3.20 |
| 1/4 x 16" | 14-36C292 | \$3.65 |
| 1/4 x 18" | 18-36C063 | \$4.50 |

ADAMS HARD-FACED HEAT-TREATED W/HEX NUTS

| | Stock No. | List per Hundred |
|--------------|-------------|------------------|
| 7/16 x 1 3/4 | 94-36C0881 | \$23.50 |
| 7/16 x 2 | 88-36C8691 | \$24.60 |
| 7/16 x 2 1/4 | 102-36C6502 | \$25.70 |

COMBINATION SPIKE

| | Stock No. | List per Hundred |
|------------|-----------|------------------|
| 300 Series | 08-36C861 | \$2.10 |
| 350 Series | 09-36C081 | \$2.25 |



Comparison Chart—Adams Hard-Faced & Heat-Treated Tillage Tools

| USE THIS CHART TO INSURE PROPER FIT FOR MAXIMUM WEARLIFE | | TOOL TYPE | | | | | | | | | | | | | |
|---|--|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Adams Wheeland Sweeps, Chisels & Spikes are identified by the numbers & numbering system shown below. (High Crown Sweeps Use Some Numbers) | | TOOL TYPE | | | | | | | | | | | | | |
| First number is the size of sweep. Adams wheeland sweeps are made in all shank angles in these sizes: 6" - 8" - 10" - 12" - 14" - 16" - 18" - 20" - 22" - 24" | | TOOL TYPE | | | | | | | | | | | | | |
| Second number or number and letter designates shank angles and hole spacing. 16 or 16S or 22 or 22J or 22 1/2 | | TOOL TYPE | | | | | | | | | | | | | |
| 1 Adams 16 - 16 Sweep | | TOOL TYPE | | | | | | | | | | | | | |
| SIZE 16 INCH | | TOOL TYPE | | | | | | | | | | | | | |
| This could be any size number from 6 inches to 24 inches every 2 inches. | | TOOL TYPE | | | | | | | | | | | | | |
| 2 Adams 12 - 22 Sweep | | TOOL TYPE | | | | | | | | | | | | | |
| SIZE 12 INCH | | TOOL TYPE | | | | | | | | | | | | | |
| This could be any size number from 6 inches to 24 inches every 2 inches. | | TOOL TYPE | | | | | | | | | | | | | |
| 3 Adams 14 - 22J Sweep | | TOOL TYPE | | | | | | | | | | | | | |
| SIZE 14 INCH | | TOOL TYPE | | | | | | | | | | | | | |
| This could be any size number from 6 inches to 24 inches every 2 inches. | | TOOL TYPE | | | | | | | | | | | | | |
| 4 Adams 14 - 22-2 1/2 Sweep | | TOOL TYPE | | | | | | | | | | | | | |
| SIZE 14 INCH | | TOOL TYPE | | | | | | | | | | | | | |
| This could be any size number from 6 inches to 24 inches every 2 inches. | | TOOL TYPE | | | | | | | | | | | | | |
| 5 Adams 16-16 AMF Sweep | | TOOL TYPE | | | | | | | | | | | | | |
| Size 16 inch | | TOOL TYPE | | | | | | | | | | | | | |
| This could be any size from 14 inch to 18 inch. | | TOOL TYPE | | | | | | | | | | | | | |
| 5/8" - 1/2" | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 350 or 300-16S Combination Spike | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 350 or 300-16 Combination Spike | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 350 or 300-22 Combination Spike | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 350 or 300-22-2 1/2 Combination Spike | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 250 or 200-16S Chisel | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 250 or 200-16 Chisel | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 250 or 200-22 Chisel | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 250 or 200-22-2 1/2 Chisel | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 150 or 100-16S Spike | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 150 or 100-16 Spike | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 150 or 100-22 Spike | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 150 or 100-22-2 1/2 Spike | | TOOL TYPE | | | | | | | | | | | | | |
| Adams No. 80-4" or 5" or 6" Beaver Tails | | TOOL TYPE | | | | | | | | | | | | | |
| Adams No. 80-4" or 5" or 6"x2 1/2 Beaver Tails | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 405-16 Furrowers | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 405-22 Furrowers | | TOOL TYPE | | | | | | | | | | | | | |
| Adams 405-22-2 1/2 Furrowers | | TOOL TYPE | | | | | | | | | | | | | |

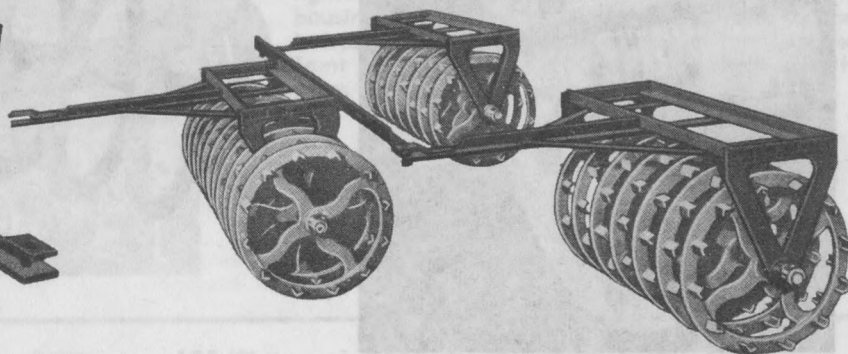
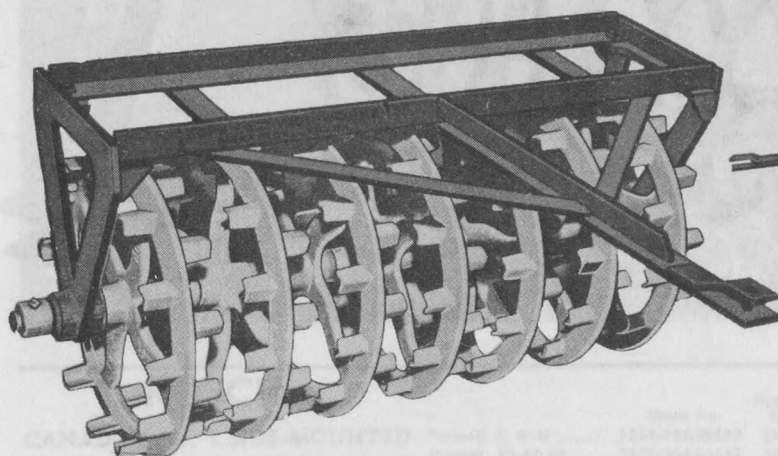
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

JOHN EAST UTILITY PACKERS for 1961

20" & 22" Combination Wheel Packers
with Hardwood Bearings

"IT PAYS TO PACK"

REDUCES SOIL DRIFTING
CONSERVES MOISTURE
SPEEDS GERMINATION
CONDITIONS THE SOIL
REDUCES SAWFLY DAMAGE
INCREASES YIELD PER ACRE

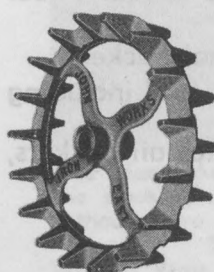


PRICE LIST

| Description | Lgth. | No. of Sections | No. of Wheels | Shipping Wt. in Lbs. | Stock No. | List Price |
|--|-------|------------------|---------------|----------------------|---------------|-----------------|
| 20" High Frame Combination Wheel Packer | 3' | Single | 5 | 349 | 306-37A0216 | \$72.00 |
| | 4' | Single | 7 | 455 | 399-37A0997 | \$94.00 |
| | 5' | Single | 9 | 552 | 480-37A5069 | \$113.00 |
| | 6' | Single | 11 | 651 | 569-37A09311 | \$134.00 |
| | 10' | 3 Secs. 4'-3'-3' | 17 | 1189 | 1071-37A02412 | \$252.00 |
| | 12' | 3 Secs. 4'-4'-4' | 21 | 1407 | 1266-37A03352 | \$298.00 |
| | 14' | 3 Secs. 6'-4'-4' | 25 | 1625 | 1457-37A55192 | \$343.00 |
| | 16' | 3 Secs. 6'-5'-5' | 29 | 1827 | 1627-37A55523 | \$383.00 |
| | 18' | 3 Secs. 6'-6'-6' | 33 | 2031 | 1814-37A59263 | \$427.00 |
| | 3' | Single | 5 | 388 | 340-37A0086 | \$80.00 |
| 22" High Frame Combination Wheel Packer | 4' | Single | 7 | 508 | 442-37A0488 | \$104.00 |
| | 5' | Single | 9 | 619 | 539-37A59701 | \$127.00 |
| | 6' | Single | 11 | 732 | 637-37A05721 | \$150.00 |
| | 10' | 3 Secs. 4'-3'-3' | 17 | 1320 | 1181-37A03632 | \$278.00 |
| | 12' | 3 Secs. 4'-4'-4' | 21 | 1566 | 1394-37A08872 | \$328.00 |
| | 14' | 3 Secs. 6'-4'-4' | 25 | 1812 | 1610-37A51223 | \$379.00 |
| | 16' | 3 Secs. 6'-5'-5' | 29 | 2042 | 1814-37A59263 | \$427.00 |
| | 18' | 3 Secs. 6'-6'-6' | 33 | 2274 | 2018-37A57304 | \$475.00 |

REPAIR PARTS

| Description | Stock No. | List Price |
|--|-------------|----------------|
| Frames only (High Style) 3' | 95-37A3191 | \$22.50 |
| Frames only (High Style) 4', 5', 6' | 112-37A3522 | \$26.50 |
| Crossbar Assembly for 10' H & L Frame Packer | 59-37A0911 | \$14.00 |
| Crossbar Assembly for 12' H and L Frame Packer | 68-37A0631 | \$16.00 |
| Crossbar Assembly for 14' H & L Frame Packer | 89-37A5871 | \$21.00 |
| Crossbar Assembly for 16' H & L Frame Packer | 97-37A5591 | \$23.00 |
| Crossbar Assembly for 18' H & L Frame Packer | 101-37A5212 | \$25.00 |
| Crossbar Assembly for 24' H & L Frame Packer | 212-37A0524 | \$50.00 |
| Crossbar Assembly for 30' H & L Frame Packer | 255-37A0015 | \$60.00 |
| Extension Pole | 19-37A383 | \$4.50 |
| Zerk Fittings | 02-37A15 | .60 |
| 3 Foot Axles | 38-37A567 | \$9.00 |
| 4 Foot Axles | 45-37A419 | \$10.75 |
| 5 Foot Axles | 52-37A1401 | \$12.25 |
| 6 Foot Axles | 58-37A9611 | \$13.75 |
| Collars and Bolts | 04-37A58 | \$1.00 |
| Wheel Spacers | 03-37A46 | .75 |
| Spacer Washers | 00-37A31 | .15 |
| Bearing Washer used with wood bearing | 00-37A71 | .20 |
| Bearing, cast iron or hardwood | 04-37A58 | \$1.00 |
| Bearing Housing (end) for Low Frame | 28-37A475 | \$6.75 |
| Bearing Housing (end) High Frame 18" and 20" | 42-37A058 | \$10.00 |
| Bearing Housing (end) for High Frame 22" | 45-37A419 | \$10.75 |
| Frames only (Low style) 3', 4', 5' 6' | 95-37A3191 | \$22.50 |



| | Stock No. | List Price |
|-----------------------------|------------|----------------|
| 18" Surface Wheels | 34-37A086 | \$8.00 |
| 20" Surface Wheel | 38-37A567 | \$9.00 |
| 20" Combination Wheel | 38-37A567 | \$9.00 |
| 22" Combination Wheel | 44-37A398 | \$10.50 |
| 24" Combination Wheel | 62-37A4521 | \$14.75 |

BEARINGS - Cast Iron and Hardwood



No. OS-53
Cast Iron Bearing used
up to 1953



No. NS-54
Cast Iron Bearing used
from 1954 to 1960

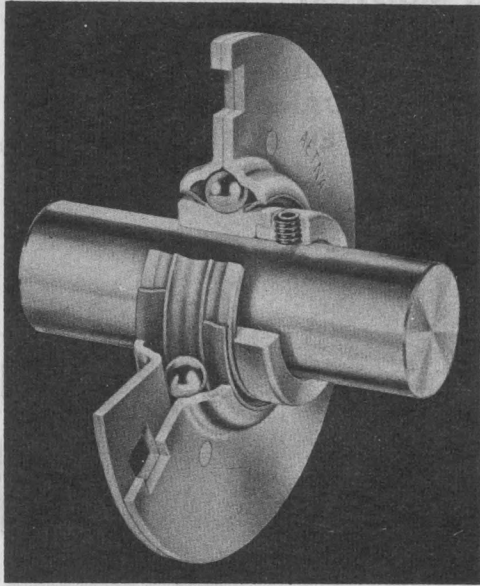


No. WB-61
Hardwood Bearing
used 1961

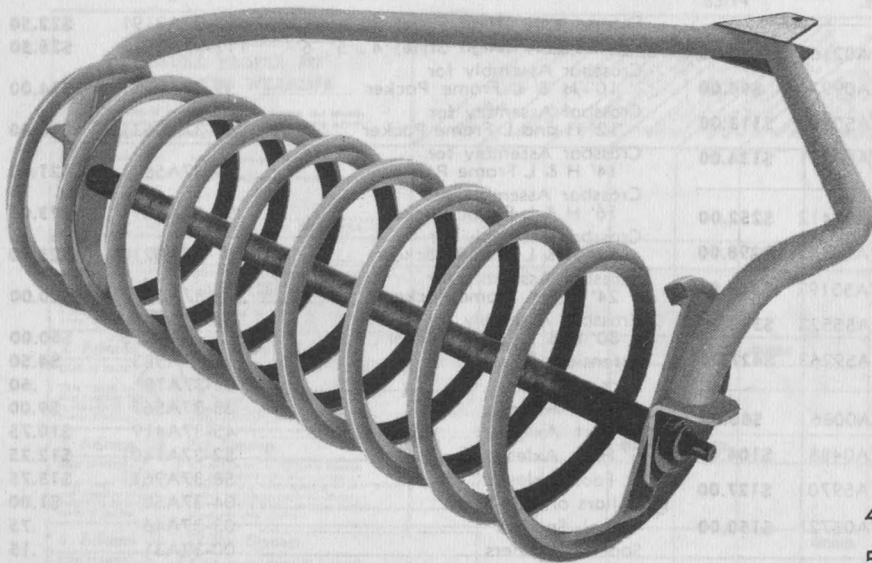
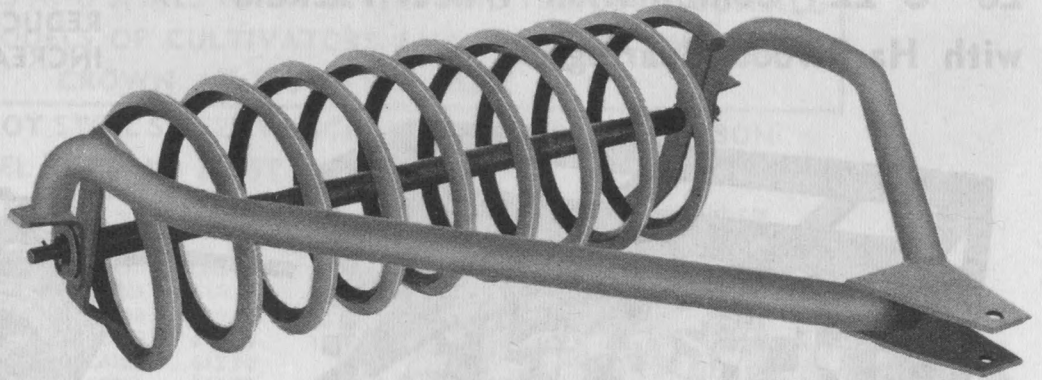
WHEN ORDERING REPLACEMENT BEARINGS STATE TYPE AND NUMBER AS ILLUSTRATED

ALL PRICES F.O.B. SASKATOON

INLAND STEEL COIL LAND PACKER



Showing cross section of the Aetna adapter sealed ball bearing. These sealed bearings are popular in use on Disc Harrows, Grain Drills, Grain Elevators, and Land Packers. Ideal on equipment working under severe dust conditions.



A new revolutionary method in land packing now available in the new Inland all-steel coil land packers with high pipe frame.

The packer has no side draft. They pull 50% lighter than conventional packers—making it the ideal packer to pull behind wide level discers or one-ways. A packing job can be accomplished with one operation when seeding.

The steel coil packer will definitely not plug, even in wettest of conditions. The all-steel coil land packer with high pipe frame and sealed ball bearings are some advanced features over any other packer made. The steel coil packer will not pulverize the land—gives perfect packing. Preserves moisture which is important in dry seasons. Cuts dust to a minimum. Holds soil longer under dry windy conditions.

STEEL COIL PACKER PRICES

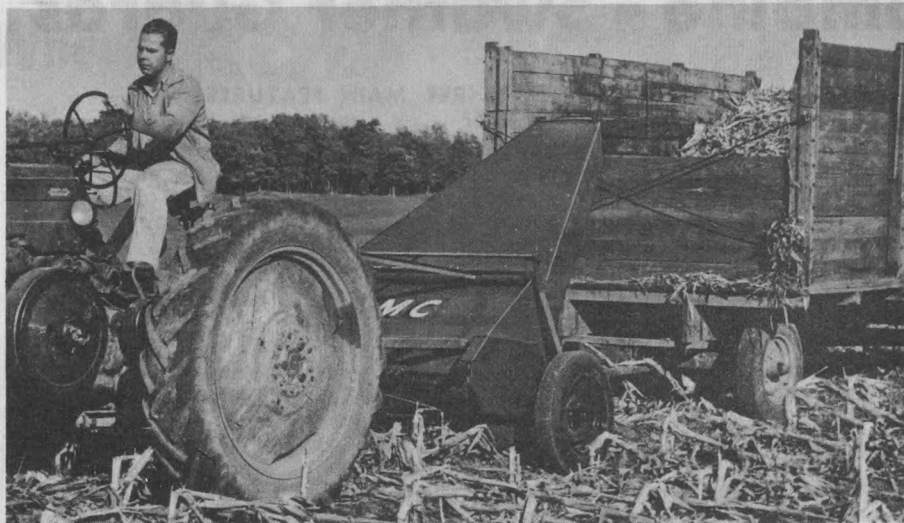
| | Stock No. | Factory List | Freight | List F.O.B. Saskatoon |
|-------|-------------|--------------|---------|-----------------------|
| 4 ft. | 348-38A2796 | \$ 83.00 | \$3.75 | \$ 86.75 |
| 5 ft. | 420-38A0048 | 100.00 | 4.75 | 104.75 |
| 6 ft. | 500-38A0001 | 120.00 | 5.95 | 125.95 |

FEATURES...

- ★ Breaks up clods.
- ★ Will not pulverize land.
- ★ Smooths earth and packs after seeding.
- ★ Prevents evaporation of moisture.
- ★ Saves money by reducing secondary tillage operation.
- ★ Sealed ball bearings.
- ★ High pipe frame feature.
- ★ 3" hollow tube axle and high pipe frame.
- ★ Will not plug, even in wettest conditions.
- ★ No side draft.
- ★ With no differential, making possible for sharp left hand turns with no interference to rear wheel of discer.
- ★ 50% lighter draft than conventional packers.
- ★ May be pulled behind any tillage tool including seeder.
- ★ Gives uniform compaction, eliminates air pockets, speeds germination.
- ★ Eliminates crusting.
- ★ Conserves moisture.
- ★ Increase yield per acre.
- ★ Coil made of 1 1/4" square bar steel.
- ★ You can depend on Inland all-steel coil—the best buy in packing.

M-C CHOPPER

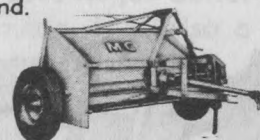
- SHREDS STALKS
- MOWS PASTURE
- CHOPS AND LOADS GREEN OR DRY HAY
- GUARANTEED PERFORMANCE



The M-C Chopper, useful for many farm jobs, such as clearing pastures of Buck Brush, cutting grass and weeds. By removing the blow back hood this machine is ideal for cutting up and spreading heavy straw after combining.

It can also be used for chopping and loading green or dry hay for feeding or silage; for shredding cover crops, or topping vegetables.

The new chopper cuts a 5-foot swath with 120 lightweight knives hinged on a rotor shaft. The housing is shaped like a large blower and as the knives rotate into the crop a vacuum forms at the front opening. The vacuum pick-up helps to lift crops laying on the ground.



60C-MC CHOPPER 60 Cutters

Stock No.
3360-39A00276

Factory List
\$840.00

Freight
\$42.25

List F.O.B.
S'toon
\$882.25

ABOVE PRICES LESS TIRES

KOSCH

CANADA'S No. 1 SIDE-MOUNTED
MOWER



An EXCLUSIVE design lets driver see where he's going, see where he's mowing.

| | Stock No. | Factory List | Freight | F.O.B. List S'toon |
|-------------------------------------|---------------|--------------|---------|--------------------|
| Farmall H & M | 1284-39A08652 | \$321.00 | \$15.95 | \$336.95 |
| Massey 30-33-44 | 1257-39A54152 | \$314.35 | \$14.60 | \$328.95 |
| Oliver 66, 77-88 | 1217-39A84342 | \$304.35 | \$13.95 | \$318.30 |
| Allis Chalmers D10 | 1226-39A63542 | \$306.70 | \$12.60 | \$319.30 |
| Allis Chalmers WD & WD45 | 1238-39A06742 | \$309.50 | \$13.80 | \$323.30 |
| Case UAC | 1190-39A01832 | \$297.65 | \$13.90 | \$311.55 |
| Farmall A-100 | 1160-39A09132 | \$289.90 | \$12.95 | \$302.85 |
| Ferguson T0 20 & 30 TE-8N-NAA-2N-9N | 1258-39A86152 | \$314.60 | \$13.50 | \$328.10 |
| Ferguson 40 | 1205-39A40142 | \$301.30 | \$15.00 | \$316.30 |
| Minn Moline 335 | 1206-39A23142 | \$301.65 | \$12.60 | \$314.25 |
| Oliver 55-550 | 1280-39A80632 | \$295.00 | \$12.10 | \$307.10 |
| John Deere A | 1343-39A67862 | \$335.95 | \$15.85 | \$351.80 |
| 5' Cutter Bar | 450-39A0009 | \$112.50 | \$4.85 | \$117.35 |
| 6' Cutter Bar | 469-39A2939 | \$117.40 | \$5.40 | \$122.80 |
| 7' Cutter Bar | 500-39A04001 | \$125.50 | \$6.00 | \$131.50 |

KOSCH Manufacturing Co.

brings you a New! . . Superior!
Grassboard — "CLEAN SWEEP"

**ALL STEEL
GRASSBOARD**

Stock No. 25-39A615
List \$6.45



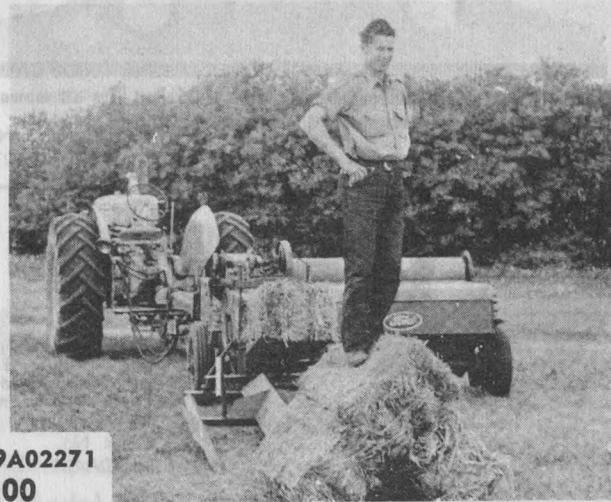
Custom Fitting to all McCormick-Deering, International, John Deere, Ford, New Idea, Ferguson Dyna-Balance and Kosch Mowers.
With Universal Fitting Methods to Most All Other Mowers.

PRATT Automatic BALE STOOKER

ONE MAN BALES AND STOOKS IN ONE OPERATION



Stock No. 861-39A02271
List \$210.00



One man takes the place of two with the Pratt Automatic Bale Stooker. Without any assistance, one man operates the baler while the stooking is done automatically. This will free an extra man during the rush. On small farms, you can easily bale and stook without extra help.

SHOWERPROOF !

With a Pratt Automatic Bale Stooker, the stooks are self-ventilating resulting in better curing of hay crops. Resting lengthwise on their edges, the stooked bales do not absorb moisture from the ground avoiding mildew and rotten strings. The stooks are solidly stacked—picking up time is cut in half.

Made with universal brackets, the Pratt Automatic Baler Stooker fits most popular makes of balers. One model fits large and small balers. The unit is easily mounted onto the baler. Once mounted, attaching or detaching is a matter of minutes.

WINDPROOF !

SELF-SUPPORTING !

ALL PRICES F.O.B. SASKATOON



VIKING

Rivetless Universal Mower Combine - Swather Guards



2044-A Heat Treated
48HD Outer End Guard
49HD Inner End Guard
Stock No. 07-40A441 List \$1.80

1046A Grade A
Malleable Standard
06-40A421 \$1.65

FITS: Allis Chalmers, Anderson, Case, Clipper, John Deere, Detroit, Ford, I.H.C., Kosch, Massey-Harris, Minneapolis-Moline, New Idea, New Holland, Oliver, Triumph, Topeka, Worthington, and others.

SWATHERS: Case, Cockshutt, Hesston (Hay Bar only).

EASILY INTERCHANGEABLE LEDGER PLATES to fit above mower guards



for rough field
conditions and
highway use

Price per box of 25 with pins



for tough cutting
wild hay



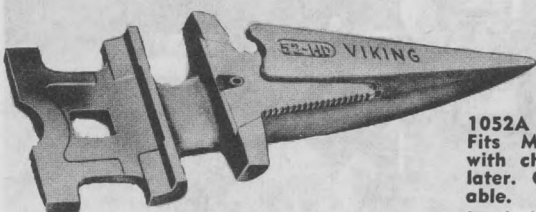
for dry crops and
swather use

Stock No. 32-40A636 List \$7.95



Part No. 102 Wear plates heat treated. Universal fits all mowers, combines and swathers with 3" spacing

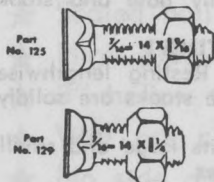
Price per set of seven Stock No. 13-40A272 List \$3.40



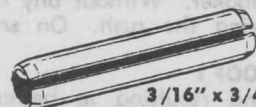
1052A (52HD) Heat Treated
Fits Massey Ferguson Mowers
with chomfered bars 1956 and
later. Outer end guards avail-
able.

Stock No. 06-40A421 List \$1.65

MOWER GUARD BOLTS



Packed 25 per box
with nuts.
Price per box
Stock No. 20-40A804 List \$5.10
Price each
00-40A71 .21



QUICK OUT ROLLED PIN
Price per box of 100
Stock No. 09-40A081 List \$2.25

WHAT ARE THE THREE MAIN FEATURES OF VIKING GUARDS?

- Answer:** 1. **NO RIVET**—Makes it as easy to change ledger plates on the bar as slipping a new blade in your razor.
2. **UNIVERSAL**—One guard fits all popular mowers.
3. **THE PRICE** is competitive.

WHEN NO RIVET IS USED, WHAT HOLDS

THE LEDGER PLATE IN PLACE?

Answer: The tip in the front end is slightly larger than the cavity cast in the guard so the plate has to be driven in no matter how many times it is replaced. The beveled flares in the back end match those cast in the guard so the plate is securely held at three locations. The spring steel rolled pin simply holds the plate from backing out.

WHAT IS THE BIG FEATURE OF VIKING LEDGER PLATES?

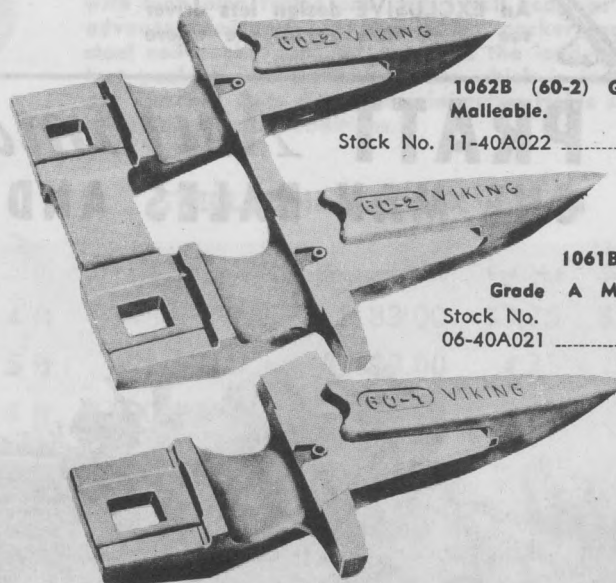
Answer: The Viking ledger plate has a soft center and is case hardened. Because of the soft center, it will take more abuse than the high carboned steel plate which tends to snap when hitting some obstruction. With the hard surface you get the regular amount of wear plus the added feature that it is impossible to knock out a Viking ledger plate. You can readily see why highway departments would like this feature because of their mowing conditions.

COMBINES

Fits all John Deere—All SP and No. 65 PT only.
Massey-Harris—Both SP and PT
Minneapolis-Moline—Both SP and PT

SWATHER

John Deere—SP only



1062B (60-2) Grade A
Malleable.

Stock No. 11-40A022 List \$2.75

1061B (60-1)

Grade A Malleable.

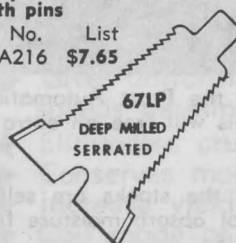
Stock No. 06-40A021 List \$1.50

EASILY INTERCHANGEABLE LEDGER PLATES

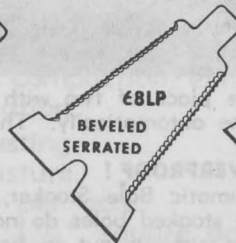
to fit combine guards

Prices per box of
25 with pins

Stock No. 30-40A216 List \$7.65



for rough field
conditions



for all around
use

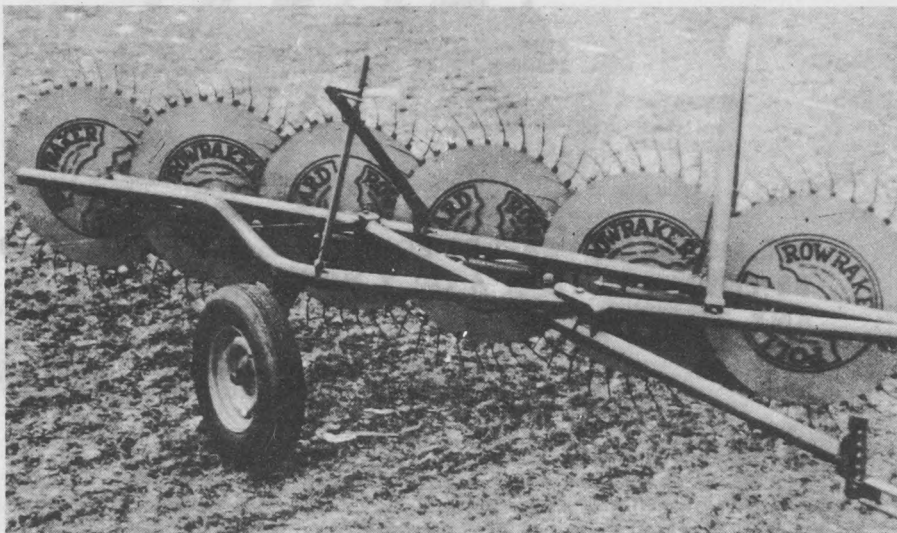


for dry crops and
swather use

POLLARD Five or Six Wheel Row Raker



Rakes clean on steep slopes, ditches, hillsides and uneven ground.



6 Wheel Model



Multi-Turn-O—or 2 Wheel Windrow Turner

**RAKE BETTER,
FASTER
and CHEAPER!**

Let's Look at the Rake From the Hay's
Point of View

Here's a hayrake that does its job better
than any other rake made. It is also a
perfect windrow turner.

• **FLOATING** wheel
action — contour raking

• Adjustable swath width

- The Cadillac of Rakes in the Hay Field.
- SAVES FOOD VALUE IN THE LEAVES—with 50% less leaf loss than ordinary rakes.
- RAKES ALL OF THE HAY. No skipped hay left behind to go to waste.
- LOW UPKEEP. No gears, sprockets or chains to wear out or need adjustment. Ball and roller bearings.
- FASTER CURING AND EASIER PICKUP—with rounder, fluffier windrows.
- SAVES RAKING TIME. Complete raking at faster over-the-ground speeds than ever before.
- FIVE OR SIX WHEEL MODELS. Left or right hand delivery.
- Less tires and tubes.
- Right hand models available.

5-Wheel Deluxe Model

Stock No. 2172-41A94434 Freight \$37.00
Factory List \$517.25 **F.O.B. Saskatoon \$554.25**

6-Wheel Deluxe Model

Stock No. 2495-41A71994 Freight \$42.00
Factory List \$594.25 **F.O.B. Saskatoon \$636.25**

SAVE TIME, LABOR AND YOUR CROP!

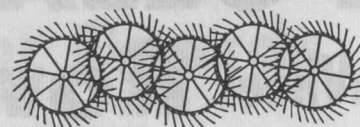
**Two Wheel Windrow Turner Available
with Universal Mount.
Model 600**

Stock No. 606-41A03121 Factory List \$144.40 Freight \$8.25
List F.O.B. Saskatoon **\$152.65**

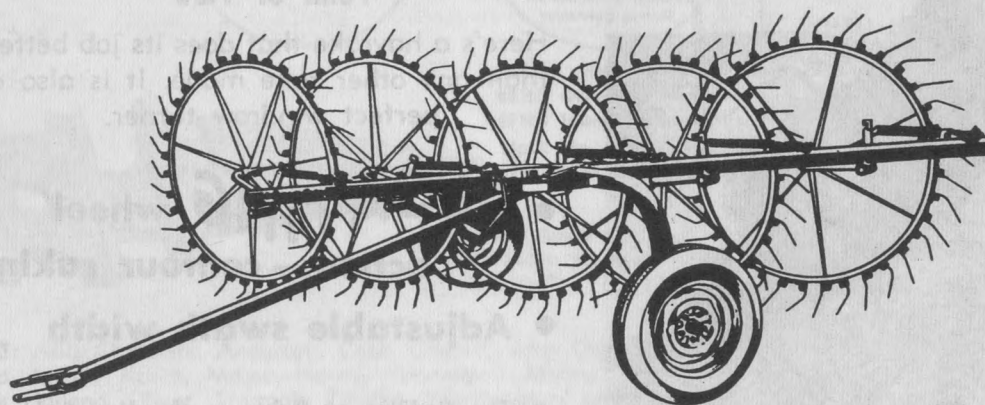
The Pollard is the best hay and grain insurance in the world, because this is the only machine of its kind that can be adjusted to turn a wet windrow, rolling the bottom side to the top for sure drying. Turns grain without shelling or damaging the heads.



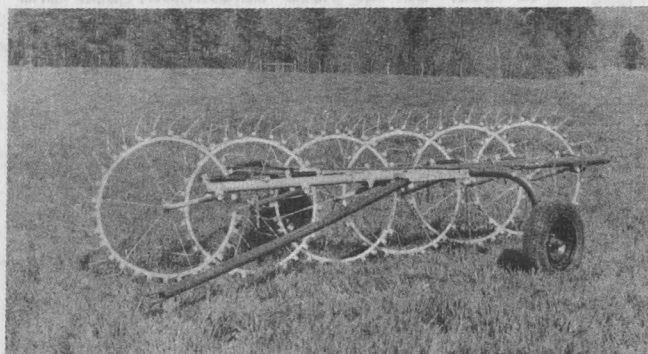
Watch **DARF** "tip-toe"



Standard M-5



**STANDARD M5
MODEL G**



G-6 Wheel Front Extension
40" Wheel—705 lbs.
48" Wheel—775 lbs.

MODEL "G" RAKE AVAILABLE WITH

- Custom Ground Wheels (15" with Timken Bearings).
- Also Standard Ground Wheels (15" with low speed Agricultural Bushings).
- Adjustable Ground Wheels for better swath control and perfect trailing on highways.
- Adjustable tongue allows you to rake without running tractor over unraked hay. Less leaf loss.
- 5-6 or 7 Raking Wheels (either 40" or 48" dia.).
- Wind Shields to prevent wrapping of hay on raking wheels in wind optional.

DARF RAKES set the standards for all wheel type rakes. High quality combined with low cost and top performance has won approval of satisfied growers around the world for this versatile rake. No finer quality rake at any price than a new DARF RAKE. All "M" Models available—Tandem and V-Type Hitch

Raking Wheels: 48" diameter (plus teeth).

Raking Teeth: Double Tooth — Secured to rim with single bolt and clamp.

Wheel Shields Optional) Wheel Shields prevent the wrapping of hay on the raking wheels when raking in high wind.

Model M5—

Stock No. 2015-42A21304

List F.O.B.
S'toon
\$479.90

(Less Tires, Tubes and Windguards)

| | | |
|-----------------------------|---------------------|----------------------------|
| 2154 Metal Wheel Shield | Stock No. 46-42A429 | F.O.B. List S'toon \$11.00 |
| 2154B Masonite Wheel Shield | 25-42A405 | \$6.00 |

THE MODEL "G" CAN BE BOUGHT AS A 5-WHEEL AND BE ENLARGED TO A 6 OR 7 WHEEL RAKE AT ANY TIME.

MODELS WITH 40" WHEELS (BUSHING IN GROUND WHEELS, LESS WINDGUARD TIRES AND TUBES)

| | Stock No. | List F.O.B. S'toon |
|---|---------------|--------------------|
| Model G5 (5 wheel) 40" | 1730-42A40643 | \$411.95 |
| Model G6 (6 wheel) Front Extension | 2125-42A40524 | \$506.00 |
| Model G6 (6 wheel) Rear Extension | 2058-42A06114 | \$490.00 |
| Model G7 (7 wheel) Front and Rear Extension | 2453-42A77094 | \$584.25 |

MODEL WITH 40" WHEELS (BEARINGS IN GROUND WHEEL, LESS WINDGUARD TIRES AND TUBES)

| | Stock No. | List F.O.B. S'toon |
|------------------------------------|---------------|--------------------|
| Model G5 (5 wheel) 40" | 1887-42A85773 | \$449.50 |
| Model G6 (6 wheel) Front Extension | 2282-42A45654 | \$543.50 |
| Model G6 (6 wheel) Rear Extension | 2215-42A01344 | \$527.50 |
| Model G7 (7 wheel) | 2611-42A32225 | \$621.70 |

MODELS WITH 48" WHEELS (BUSHING IN GROUND WHEELS, LESS WINDGUARDS, TIRES AND TUBES)

| | Stock No. | List F.O.B. S'toon |
|------------------------------------|---------------|--------------------|
| Model G5 (5 wheel) 48" | 1892-42A24873 | \$450.50 |
| Model G6 (6 wheel) Front Extension | 2318-42A86364 | \$552.00 |
| Model G6 (6 wheel) Rear Extension | 2251-42A42054 | \$536.00 |
| Model G7 (7 wheel) | 2678-42A17535 | \$637.75 |

MODELS WITH 48" WHEELS (BEARINGS IN GROUND WHEELS, LESS WINDGUARDS, TIRES AND TUBES)

| | Stock No. | List F.O.B. S'toon |
|------------------------------------|---------------|--------------------|
| Model G5 (5 wheel) 48" | 2037-42A04704 | \$485.00 |
| Model G6 (6 wheel) Front Extension | 2478-42A06594 | \$590.00 |
| Model G6 (6 wheel) Rear Extension | 2410-42A30284 | \$573.85 |
| Model G7 (7 wheels) | 2837-42A24765 | \$675.50 |

| | | |
|--|-------------|----------|
| Rear Extension Kit for 40" Raking Wheel | 327-42A2556 | \$78.00 |
| Rear Extension Kit for 48" Raking Wheel | 359-42A0917 | \$85.60 |
| Front Extension Kit for 40" Raking Wheel | 394-42A6987 | \$94.00 |
| Front Extension Kit for 48" Raking Wheel | 426-42A9358 | \$101.65 |

The new Low Cost **SNOWCO** Portable BALE ELEVATOR

THREE LENGTHS

16', 20', 24'

Complete with motor carrier and belt—ready to operate except for power

15-foot extensions available for use with all three lengths

Bale Diverter Available as Optional Equipment



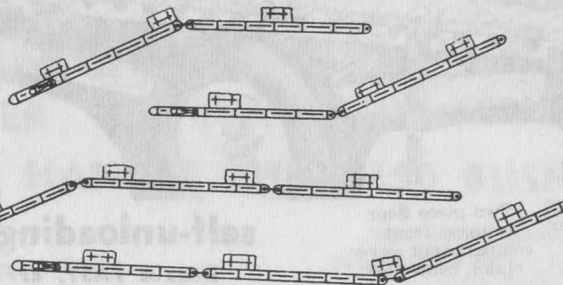
TBM-57 Transport
For 24' to 36' Models

Mow Hanger
Brackets

Bale Diverter

Bale Chute

Elevator and Extensions
Adaptable to Many Applications



SNOWCO
Advanced Feed
Handling Methods

NEW Portable EXTENDABLE BALE ELEVATOR

Moves bales up, down, horizontally; is ideal as mow conveyor. Basic unit is two-section 16-foot elevator; intermediate sections in 4-foot and 8-foot lengths. Accessories include 15-foot swing extensions; transports; bale chutes; diverters; hangers.

Rugged Construction – Wide Versatility – All at Low Cost

- 1-inch O.D., 18 gauge steel tubing framework
- 18 gauge steel chain bed channel
- No. 45 detachable link elevator chain
- No. 35 driver roller chain
- Permanently lubricated ball bearings
- Handles bales up, down, horizontally
- Powered by 1/4 HP to 3/4 HP electric motor or 2 1/2 HP gasoline engine

STANDARD MODELS (Green)

| Stock No. | Factory List | Freight | List F.O.B. S'toon |
|-----------------------|--------------|---------|--------------------|
| 16SBE 16 ft. Elevator | | | |
| 358-43H8717 | \$85.45 | \$4.60 | \$90.05 |
| 20SBE 20 ft. Elevator | | | |
| 402-43H3408 | \$95.75 | \$5.35 | \$101.10 |
| 24SBE 24 ft. Elevator | | | |
| 445-43H8098 | \$106.05 | \$6.20 | \$112.25 |

TRANSPORT AVAILABLE AS OPTIONAL EQUIPMENT

Snowco Transport TBE-56 is available as a handy accessory at slight extra cost. Elevator can be placed on the transport quickly and easily.

| Stock No. | Factory List | Freight | List F.O.B. S'toon |
|------------------------------|--------------|---------|--------------------|
| TBE-56 16' and 24' post Type | | | |
| 220-43H0044 | \$52.40 | \$3.95 | \$56.35 |

SECTIONAL MODELS (RED)

| Model | Length | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|---------|---|--------------|--------------|---------|--------------------|
| 16PBM60 | 16' Basic 1" O.D. Tubing | 369-43H2937 | \$88.00 | \$4.60 | \$92.60 |
| 4PBM60 | 4' Intermediate Section 1" O.D. Tubing | 71-43H8241 | \$17.00 | .90 | \$17.90 |
| 8PBM60 | 8' Intermediate Section 1" O.D. Tubing | 117-43H2532 | \$28.00 | \$1.80 | \$29.80 |
| 16PBX62 | 16' Swing Extension 1" O.D. Tubing | 303-43H9606 | \$72.25 | \$4.75 | \$77.00 |
| 32EHD61 | 32' Basic 1 1/4" O.D. Tubing | 818-43H57361 | \$194.95 | \$9.70 | \$204.65 |
| 36EHD61 | 36' Basic 1 1/4" O.D. Tubing | 893-43H97871 | \$212.85 | \$10.95 | \$223.80 |
| 10EHD61 | 10' Intermediate Section 1 1/4" O.D. Tubing | 208-43H5714 | \$49.70 | \$2.70 | \$52.40 |
| TBM57 | Scissor Type Transport, 24', 32', 36' | 239-43H4874 | \$56.95 | \$7.20 | \$64.15 |
| MH62 | Mow Hangers with Bale Guards, each | 22-43H054 | \$5.35 | .50 | \$5.85 |
| BD62 | Bale Diverter | 103-43H5602 | \$24.60 | \$1.70 | \$26.30 |
| LC60 | Bale Chute used on all models | 81-43H7161 | \$19.25 | \$1.70 | \$21.95 |
| CB61 | Connecting Brackets for Elevator Mow Conveyor | 22-43H054 | \$5.35 | .30 | \$5.85 |
| BG62 | Bale Guides (pair) | 24-43H594 | \$5.90 | .25 | \$6.15 |



BALE LOADER

Here's the most amazing farm implement since the invention of the automatic corn picker! The Snowco Bale Loader lifts bales from the ground, just as they're left in the field by the baler, and drops them into your truck, wagon, or hayrack.

This makes loading bales an easy, one-man operation. Simply steer your truck or tractor along the row of bales—the Bale Loader picks up all bales, round or square, any weight, lying at any angle, and loads them automatically! No extra help needed! Truck or tractor driver does the job alone!

This revolutionary Bale Loader works as well on rough, hilly ground as it does on the level. Even picks up bales dumped in contour or irrigation ditches. Clears all normal field obstacles. Never catches or snags. And there are no gears, slats, or chains to tangle or break the baling wire or twine.

The Snowco Bale Loader is completely self-powered. No additional engine, no power take-off attachment is needed. The power-lift wheel is the only source of power. All lifting action comes from the forward motion of the Bale Loader.

1415-43H80382 \$337.00 \$23.50 \$360.50

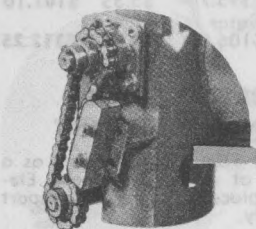


ALL PRICES F.O.B. SASKATOON

here's the "INSIDE STORY" on the **SNOWED** FEED-O-MIXER



The 7-foot long, 8-inch diameter, rear mounted discharge auger swivels 180 degrees to either side. Spout swivels 360 degrees. Feed-O-Mixer discharges while standing or moving.



1 to 1 ratio between floor auger and discharge auger.

Gear box located below the flow of grain.

Two piece floor auger; front compartment auger clutch controlled.

85 bushel capacity, two-compartment galvanized steel box; one piece welded steel frame.

10 HP PTO with free rolling shield. Complete with shear bolt. Fits standard farm tractor PTO.

Stock No. 2247-44H04944

Factory List \$535.00

Freight \$41.65

F.O.B. Saskatoon \$576.65

Moves up to 30 bushels per minute into bunk, self-feeder, bin, elevator or granary;

self-unloading trailer front or rear delivery

Does a FAST, EFFICIENT job of elevating, unloading, feeding
SMALL GRAINS • GROUND FEED • SHELLED CORN • SUPPLEMENTS

Neibrandt GRAIN HOPPER - BOXES

DESIGNED FOR WESTERN NEEDS — 130 bu. — BUILT TO LAST

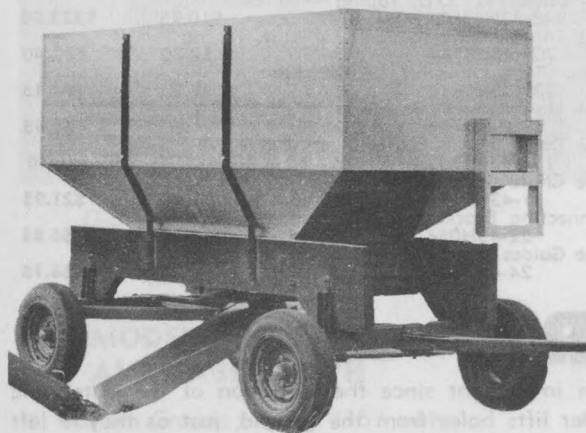
"The easiest way to
handle grain"

GRAIN BOX with Sills Only

Stock No. 956-44B02191

F.O.B. SASKATOON \$239.00

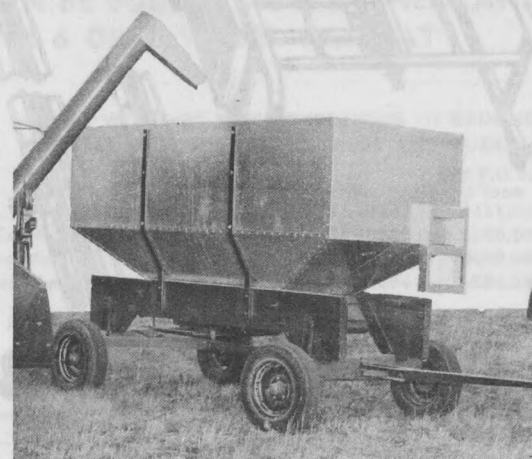
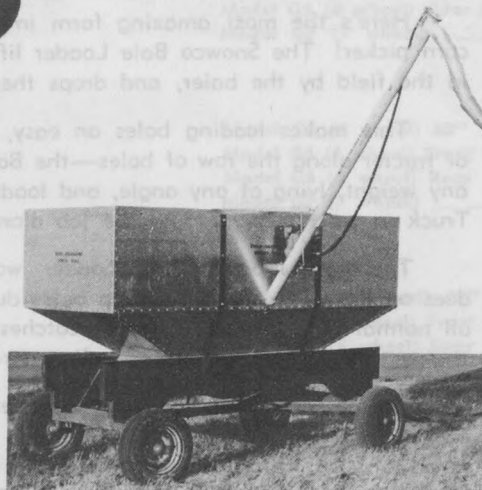
Setting up Charge Add \$10.00



This hopper Box will fit any 4-wheel farm trailer — blocks provided for proper height. Made from #16 gauge galvanized sheet steel, well reinforced and braced, and bolted together with durulum bolts. Heavy 3" x 12" wooden sills. Shipping Weight 650 lbs. Available assembled or unassembled. Instructions provided.

SAVE ON COST AND FREIGHT BY ORDERING UNASSEMBLED.

- Balanced
- No Shovelling
- No Rusting
- Self Regulating
- No Spoilage



Any boy or girl can now do a man's chore. Merely drive alongside the auger (the end of which is in the ground), place the specially designed self-regulating chute on the reach and "Let 'er run."

SAVE THE COST IN ONE SEASON'S OPERATION
ORDER ONE NOW.

- Full View from Tractor
- Self-centering
- Easy to Load on the Run
- No Backing Up
- Opening for 4" Auger for cleaning and grinding grain, filling the drill.



INLAND GRAIN BINS

- Sidewalls made from 24-gauge galvanized sheet steel, heavily ribbed for greater strength.
- Roof is 24-gauge galvanized sheet steel, heavily ribbed and firmly bolted to side walls.
- Larger diameter ventilator fits snugly to roof. Easily adjusted for ventilation or removed for centre filling.
- Manhole in lower edge of roof easily removed for filling
- Reinforced door is 6-feet high, 2½ feet wide.
- Inner door has removable panels for easy filling or unloading, including one with auger opening.
- Rubber washers completely weather seal all bolt holes.
- Lugs supplied for anchoring bin.
- Easily assembled. Shipping weight approximately 865-lbs.
- Available with 24-gauge galvanized sheet steel floor if wanted. Designed for sealed fit.

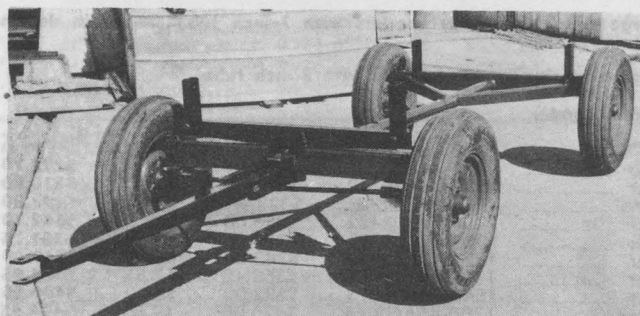
| | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|----------------------------------|---------------|--------------|---------|--------------------|
| 1000 Bushel Bin Less Floor | 1166-45B52332 | 278.00 | 11.80 | 289.80 |
| 1350 Bushel Bin Less Floor | 1360-45B61272 | 324.00 | 14.80 | 338.80 |
| Floor for 1000 and 1350 | 210-45B0024 | 50.00 | 2.65 | 52.65 |
| 2350 Bushel Bin Less Floor | 2352-45B04074 | 560.00 | 25.05 | 585.05 |
| Floor for 2350 | 336-45B0276 | 80.00 | 3.95 | 83.95 |

Inland FARM WAGON

"1" BEAM BOLSTER

HERE IS THE WAGON TO HANDLE THAT 150 BUSHEL WHEAT LOAD!

10,000 lb capacity. Extra-heavy construction throughout.



| Stock No. | Factory List | Freight | List F.O.B. S'toon |
|---|--------------|---------|--------------------|
| 640-45B01821 | 152.50 | 5.05 | 157.55 |
| (Less Tires and Tubes) | | | |
| 1495-45B64572 | 298.90 | 6.85 | 305.75 |
| (With Tires and Tubes, 750 x 16, 8 ply) | | | |

CAPACITY—10,000 lbs. with 7.50 x 16 8-ply implement tires.

WHEELS—Heavy-duty demountable steel disc.

WHEEL BEARINGS—Timken Tapered Roller, protected by grease seals and dust caps.

AXLE SPINDLES—1¾" forged alloy steel; renewable Oilite bronze bearings.

BOLSTERS—Heavy 5" by 10 lb. structural "1" beam.

HOUNDS—2½" steel angle.

BOLSTER STAKES—Formed Steel, adjustable from 38" to 42".

STEERING—Automotive type with 7/8" round steel steering tie rod. Steering rod bolts are protected by renewable Oilite bushings.

REACH—3" steel tube, telescoping into 3¼" steel tube. Fully oscillating. Adjustable in 1-foot steps from 7-foot to 11-foot wheelbase.

TONGUE—Formed steel, with clevis hitch and 3" channel yoke.

TREAD—60 inches.

NEW ROBIN GRAIN LOADERS



SPECIFICATIONS

MODELS: Series "706" and "707" available in two sizes—27 foot and 33 foot—with closed spur gear auger drive and sleeve bearing type wheels.

Series "806" and "807" available in two sizes—27 foot and 33 foot—with closed roller chain auger drive and journal bearing disc wheels.

AUGER TUBE: 6" and 7" diameter type.

H.P. RECOMMENDED: 5 to 7 H.P. for 27 foot Models. 7 to 9 H.P. for 33 foot Models.

| Model No. | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|--------------------------|---------------|--------------|---------|--------------------|
| Series 706 - 27 ft. | 758-45B07151 | 185.00 | 7.65 | 192.65 |
| Series 706 - 33 ft. | 877-45B84571 | 214.00 | 9.50 | 223.50 |
| Series 806 - 27 ft. | 959-45B88191 | 234.00 | 7.60 | 241.60 |
| Series 806 - 33 ft. | 1098-45B67912 | 268.00 | 9.50 | 277.50 |
| Series 707 - 27 ft. | 911-45B82281 | 217.00 | 11.75 | 228.75 |
| Series 707 - 33 ft. | 1041-45B82802 | 254.00 | 13.65 | 267.65 |
| Series 807 - 27 ft. | 1090-45B21812 | 266.00 | 11.75 | 277.75 |
| Series 807 - 33 ft. | 1262-45B65252 | 308.00 | 13.65 | 321.65 |

Less Tires and Tubes

ALL PRICES F.O.B. SASKATOON

MOVE YOUR GRAIN with a *Brandt*

6" 7" OR 8" HIGH CAPACITY
PORTABLE

AVAILABLE IN LENGTHS
FROM 24' to 40'

GRAIN LOADER

MANUFACTURED IN SASKATCHEWAN

IN SELECTING AN APPROVED LOADER . . . CONSIDER THESE FEATURES:

- Special Booster to increase capacity of loader.
- Six or seven-inch casing, 16 gauge steel, with channel reinforcement under tube.
- Heavy steel gear box totally enclosed.
- Equipped with ball bearings and roller bearings, provided with dust-proof seals and Zerk grease cups.
- Hitch is provided on bottom end of loader to attach to car or truck for moving loader.

- The loader can be easily raised or lowered by means of a crank, which is equipped with a ratchet to hold loader securely in suitable position.
- Engine base to hold almost any engine from 2½ to 9 h.p., which can be easily mounted, and it is so constructed that belt between engine and loader can quickly be loosened or tightened. Convenient when engine is hard to start.
- To carry loader, a sturdily built trailer of 2" tubular steel for strength and hard usage, combined with lightness, equipped with standard 16-inch disc wheels suitable for 600 or 650-16 tires, or 15-inch disc wheels suitable for 650, 670, or 710-15 tires, and a hollow axle, also high grade spindles and tapered Timken roller bearings.
- Recommended speed of pulley on gear box 1000 to 1500 r.p.m.
- Track roller designed so that loader can't jump off cart.

PA-47—Extra-large capacity Brandt Loaders with 7-inch tube similar in design to Brandt PA-40x6" Loader.

PA-48. Extra large capacity Brandt Loaders with 8-inch tube

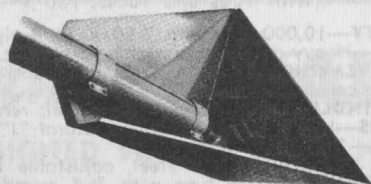
PULL-IN AUGER

10 feet in length. Stock No. 98-46A0691

\$24.50



32" Spout Section Type
54-46A0801 \$13.50
32" Tube Type Spout
47-46A049 \$11.75

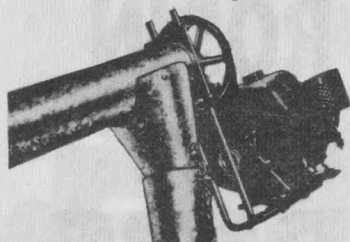


HOPPER

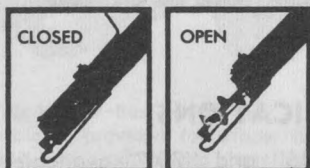
21"x42"x36" 66-46A0231 .. \$16.50

Prices For Portable Grain Loader

| | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|----------------------------|---------------|--------------|---------|--------------------|
| 24 ft. 6 inch Loader | 1152-46A65032 | \$288.20 | \$4.50 | \$292.70 |
| 28 ft. 6 inch Loader | 1223-46A46442 | \$305.80 | \$5.10 | \$310.90 |
| 32 ft. 6 inch Loader | 1294-46A27852 | \$323.40 | \$5.40 | \$328.80 |
| 36 ft. 6 inch Loader | 1424-46A08482 | \$356.00 | \$6.10 | \$362.10 |
| 40 ft. 6 inch Loader | 1500-46A00003 | \$375.00 | \$6.75 | \$381.75 |
| 28 ft. 7 inch Loader | 1371-46A42472 | \$342.80 | \$6.60 | \$349.40 |
| 32 ft. 7 inch Loader | 1441-46A23882 | \$360.40 | \$7.55 | \$367.95 |
| 36 ft. 7 inch Loader | 1568-46A06313 | \$392.00 | \$8.50 | \$400.50 |
| 40 ft. 7 inch Loader | 1700-46A00043 | \$425.00 | \$9.55 | \$434.55 |
| 36 ft. 8 inch Loader | 2306-46A02164 | \$576.50 | \$11.00 | \$587.50 |

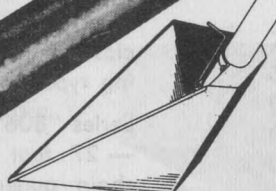


GASOLINE
ENGINE
MOUNT



ADJUSTABLE
INTAKE
CONTROL
SLEEVE

36 INCH
FLEXIBLE SPOUT



FULL 4" & 5"
DIAMETER

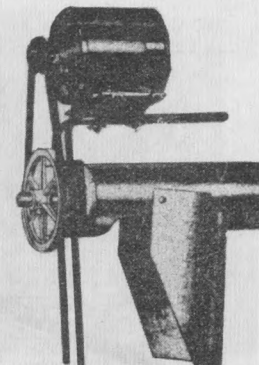
HOPPER

HOT DIP
GALV. TUBE

41"-21"

SNOWED SCOOPMASTER

ELECTRIC
MOTOR
MOUNT



| Model | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|--|-----------|--------------|---------|--------------------|
| SCOOPMASTER - 4" LOADER | | | | |
| 12SM54—12' Scoopmaster 4" Loader 2 HP | 42# | 107-46A0512 | \$25.60 | \$1.90 \$27.50 |
| 16SM54—16' Scoopmaster 4" Loader 2 HP | 54# | 126-46A2152 | \$29.90 | \$2.25 \$32.15 |
| 20SM59—20' Scoopmaster 4" Loader 3½ HP | 66# | 144-46A3782 | \$34.20 | \$2.95 \$37.15 |
| SEME201—5' Scoopmaster Ext. Comp. | 16# | 49-46A789 | \$11.75 | .70 \$12.45 |
| SCOOPMASTER ACCESSORIES 4" MODEL ONLY | | | | |
| HS54 —Hopper 21" High by 41" Wide | 14# | 61-46A4121 | \$14.45 | .65 \$15.10 |
| FSS —Flexible Spout 36" Long | 7# | 33-46A156 | \$7.75 | .30 \$8.05 |
| SCOOPMASTER 5" LOADER | | | | |
| 12K59 —12' Scoopmaster 5" Loader 2 HP | 60# | 152-46A3503 | \$36.35 | \$2.70 \$39.05 |
| 16K59 —16' Scoopmaster 5" Loader 2 HP | 75# | 198-46A2593 | \$47.05 | \$3.40 \$50.45 |
| 20K59 —20' Scoopmaster 5" Loader 3½ HP | 90# | 225-46A4944 | \$53.50 | \$4.05 \$57.55 |
| SCOOPMASTER ACCESSORIES 5" MODEL ONLY | | | | |
| KE59 —5' Scoopmaster Ext. 5" Loader | 20# | 65-46A2031 | \$15.50 | .90 \$16.40 |
| HK59 —Hopper 21"x41" Wide | 15# | 60-46A4121 | \$14.45 | .70 \$15.15 |
| FSK50 —Flexible Spout 36" Long | 7# | 42-46A238 | \$9.90 | .30 \$10.20 |

Top Choice for Grain Handling

The Big 8 and the Standard 6

SNOWCO

A-FRAME SUPER CHIEF GRAIN LOADER

the BETTER WAY
to move your grain!



6" model illustrated 8" also available

SHAFT DRIVEN -
lifts greater load with less horsepower!
Available in 25', 31', 35', 41' lengths.

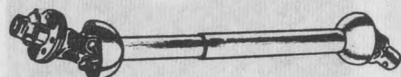
SUPER CHIEF 8" Shaft Driven Grain Loaders with Gear Box Drive and A-Frame Type Transport

| | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|----------------------|---------------|--------------|---------|--------------------|
| 31', 12 HP, 860 lbs. | 2324-47H96464 | \$553.20 | \$38.70 | \$591.90 |
| 35', 12 HP, 923 lbs. | 2476-47H62594 | \$589.60 | \$41.55 | \$631.15 |
| 41', 15 HP, 986 lbs. | 2604-57H08025 | \$620.00 | \$43.40 | \$663.40 |

SUPER CHIEF 6" Shaft Driven Grain Loader with Gear Box Drive and A-Frame Type Transport

| | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|----------------------|---------------|--------------|---------|--------------------|
| 25', 5 HP, 437 lbs. | 1384-47H68672 | \$329.60 | \$19.70 | \$349.30 |
| 31', 7 HP, 513 lbs. | 1524-47H57403 | \$362.80 | \$26.70 | \$389.50 |
| 35', 7 HP, 563 lbs. | 1640-47H60823 | \$390.55 | \$25.35 | \$415.90 |
| 41', 10 HP, 609 lbs. | 1757-47H54153 | \$418.40 | \$27.40 | \$445.80 |

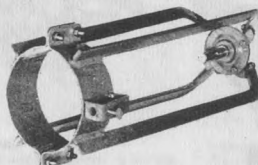
SNOWCO LOADER ACCESSORIES



PTO-ST SHEAR TYPE PTO-SHAFT

Includes quick coupler universal joint and free rolling shield 6"-8".

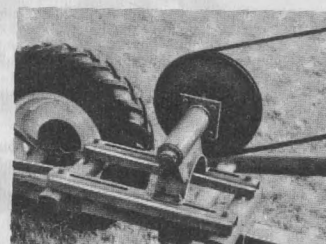
| Stock No. | Factory List | Freight | List F.O.B. S'toon |
|-------------|--------------|---------|--------------------|
| 179-47H5953 | \$42.80 | \$1.35 | \$44.15 |



NOSE BEARING

Heavy duty, double shielded; reduces wear and vibration; is a safety factor; and extends auger life.

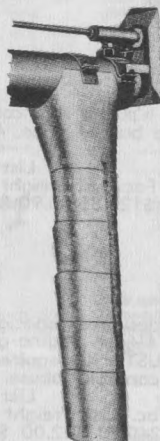
| IEB61-6 6" Intake— | | List F.O.B. S'toon |
|-----------------------|---------|--------------------|
| Stock No. 135-47H6962 | | |
| Factory List | Freight | |
| \$32.10 | .80 | \$32.90 |
| IEB61-8 8" Intake— | | List F.O.B. S'toon |
| Stock No. 157-47H6413 | | |
| Factory List | Freight | |
| \$37.45 | \$1.10 | \$38.55 |



POWER TAKE-OFF ATTACHMENT

Enables you to use tractor power; use with either Standard 6 or Big 8.

| PTA6— | | List F.O.B. S'toon |
|-----------------------|---------|--------------------|
| Stock No. 124-47H4742 | | |
| Factory List | Freight | |
| \$24.95 | .70 | \$25.65 |
| List F.O.B. S'toon | | \$30.15 |



FLEXIBLE DISCHARGE SPOUT

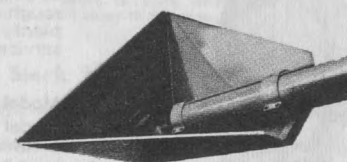
Aim the grain where you want it. Four sizes available for use with Scoopmaster, 6-inch tubes and 7-inch tubes.

| FS54 6" Spout— | | List F.O.B. S'toon |
|----------------------|---------|--------------------|
| Stock No. 63-47H0621 | | |
| Factory List | Freight | |
| \$15.00 | .65 | \$15.65 |
| FS59-8 8" Spout— | | List F.O.B. S'toon |
| Stock No. 90-47H8971 | | |
| Factory List | Freight | |
| \$21.40 | \$1.20 | \$22.60 |

HOPPER

All galvanized, heavy-gauge steel; can be used with any type truck or wagon. Four sizes available for use with Scoopmasters, 6-inch tubes and 8-inch tubes.

| | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|------------------------|-------------|--------------|---------|--------------------|
| H59-8 8" Auger 62"x21" | 126-47H5152 | \$29.95 | \$2.75 | \$32.70 |
| H50 6" Auger 48"x21" | 121-47H8242 | \$28.90 | \$2.15 | \$31.05 |



10' EXTENSION DRAG AUGER

| | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|-----------------------|-------------|--------------|---------|--------------------|
| PIA59-6 6" Drag Auger | 112-47H7422 | \$26.75 | \$1.45 | \$28.20 |
| PIA59-8 8" Drag Auger | 157-47H6413 | \$37.45 | \$1.65 | \$39.10 |



AIR-O-VATOR

Cools Stored Grain ... Reduces Moisture ... Stops Grain Spoilage!

1. 12" exhaust spinner head.
2. Air stack reducer and roof ack.
3. Air transfer stack.
4. Perforated vacuum breather tank.
5. Perforated breather point for installing on filled bins.

FLOW HEAT AWAY and keep stored grain in top condition! Air-O-Vator runs "free as a breeze" on slightest wind! No motor to wear out or cost you money to operate! Spinner head exhausts up to 57,960 cu. ft. of hot air an hour in an 8 m.p.h. breeze!

Cools, Dries, Conditions corn, grain or other stored crops! Install on any storage building in an hour or less, whether filled or empty! Keeps out rain, takes out heat! Remember, Air-O-Vator is guaranteed for 5 full years!

**DRIES
STORED
GRAIN
STOPS
SPOILAGE
REDUCES
MOISTURE**

Stock No. 393-47A0697
List F.O.B. S'toon **\$99.50**

BOLENS NORTH AMERICA'S FINEST OUTDOOR POWER EQUIPMENT

7-hp RIDE-A-MATIC —the only tractor that gives total power at any speed

- **3-POINT REAR ATTACHMENT HITCH** Has close-to-ground pull-points for efficient ground working.
- **CONVENIENTLY LOCATED ATTACHMENT-CLUTCH CONTROL** Allows you to start or stop power-driven attachments at a touch.
- **SPRING-ASSISTED ATTACHMENT-LIFT** Makes lifting or lowering attachments an easy, one-hand job.
- **EASY STEERING** Precision-gear steering makes the RIDE-A-MATIC easy and comfortable to operate.
- **HEAVY-DUTY BEARINGS** for long life and minimum friction.
- **FRICTION-CONTROLLED, AUTOMOTIVE-TYPE DIFFERENTIAL**—Puts the power where the traction is.
- **BALANCED WEIGHT DISTRIBUTION**—Provides maximum traction—makes for stability and safety.
- **STEEL CHANNEL FRAME** for rugged strength.
- **ELECTRIC STARTING** Starter-generator optional equipment.
- **TWO FORWARD SPEED RANGES AND REVERSE IN FULLY ENCLOSED OIL-BATH GEAR BOX** Select high or low forward gears or reverse with handy gear-shift lever.
- **FULL-POWER SPEED CONTROL** 12 forward speeds and six reverse speeds.
- **ONE-PEDAL BRAKE-AND-CLUTCH ACTION** Lets you disengage clutch and apply brake in one smooth motion.
- **COMFORT FOR THE OPERATOR** Spring-action seat—controls and foot rests positioned for greatest comfort.
- **BIG SIX-QUART FUEL TANK** Gives up to five hours of average operation.
- **17 RIDE-A-MATIC ATTACHMENTS** Help keep your BOLENS busy—all year 'round.

Model 236 7 HP Ride-A-Matic with electric starter
List F.O.B.
Stock No. Factory List Freight S'toon
2919-48A08385 \$695.00 \$34.50 \$729.50
Model 235 7 HP Ride-A-Matic less electric starter
2584-48A18615 \$615.25 \$31.50 \$646.75



MODEL 600



A—The new MUSTANG is a top quality 3 h.p. unit that combines famous MUSTANG tiller performance at a budget price. Anyone can till with a MUSTANG!

| | Stock No. | Fac. List | Freight | S'toon | List F.O.B. |
|--|--------------|-----------|---------|----------|-------------|
| Model 2041 Mustang Tiller | 539-48A28701 | \$128.35 | \$6.90 | \$135.25 | |
| Model 20724—7" Furrower for (2041) | 13-48A962 | | | | \$3.20 |
| Model 20826—Tine Extensions (7" per pr.) | 54-48A4801 | | | | \$12.90 |

B—The PROFESSIONAL MUSTANG was designed especially for rough use—is ideal as a rental tiller. Its 4½-hp engine gives it plenty of power. THE PROFESSIONAL MUSTANG requires little service. With extra structural strength it can take abuse.

| | Stock No. | Fac. List | Freight | S'toon | List F.O.B. |
|---|--------------|-----------|---------|----------|-------------|
| Model 2064 Tiller | 101-48A91202 | \$240.70 | \$12.00 | \$252.70 | |
| Model 20165—8" furrower | 23-48A664 | | | | \$5.55 |
| Model 20858 tine extension (8" per pr.) | 89-48A1871 | | | | \$21.20 |

THE SUPER MUSTANG is a rugged, all-purpose tiller. Its 3-hp Briggs & Stratton engine gives the power needed in large areas and in hard, baked ground. Yet, it's light and handy for both tilling and cultivating.

| | Stock No. | Factory List | Freight | S'toon | List F.O.B. |
|---|--------------|--------------|---------|----------|-------------|
| Model 2100 Tiller | 673-48A87431 | \$160.45 | \$8.40 | \$168.85 | |
| Model 20756 8" furrower | 17-48A043 | | | | \$4.05 |
| Model 20800 Tine Extensions, 8½" per pair | 58-48A2711 | | | | \$13.95 |

HUSKY 600 6-hp TRACTOR

- **EASY STEERING** Bevel-gear steering assembly.
- **ELECTRIC STARTING** Delco-Remy starter-generator.
- **6 FORWARD SPEEDS AND 2 REVERSE** Transmission and differential transaxle.
- **6-HP ENGINE** Powerful Briggs & Stratton Engine.
- **ONE-PEDAL BRAKE-AND-CLUTCH ACTION** Ingle motion throws out clutch, applies brake.
- **FAST SWITCH HITCHES** Hitch or exchange attachments in seconds.
- **EASY-ACTION ATTACHMENT-LIFT LEVER** Convenient, one-hand operation.
- **DIRECT-DRIVE POWER TAKE-OFF** Powered attachments run directly off tractor PTO shaft by means of steel-splined shaft and universal joints.
- **STOP SWITCH BUILT INTO THROTTLE** Within thumb-reach for extra safety.
- **STRONG TUBULAR STEEL FRAME** Tubular steel frame gives strength plus rigidity.
- **SAFETY CLUTCH LEVER FOR ATTACHMENTS** Spring-loaded, can't be engaged accidentally.
- **OPERATOR COMFORT AND CONVENIENCE** Spring-action seat—controls properly positioned.
- **HINGED HOOD-AND-GRILLE UNIT** Tips forward to give easy access to engine.
- **HANDSOME STYLING** Striking gold finish—modern lines.
- **11 FAST-SWITCH ATTACHMENTS** Year-round utility.

Model 181 Husky 600 with electric starter
List F.O.B.
Stock No. Factory List Freight S'toon
2516-48A33305 \$599.20 \$31.80 \$631.00
Model 180 Husky 600 less electric starter

| | Stock No. | Factory List | Freight | S'toon | List F.O.B. |
|---------------|-----------|--------------|---------|----------|-------------|
| 2179-48A29534 | \$518.95 | \$29.40 | | \$548.35 | |



22" ROTARY TILLER

No. 23609—(8" Tine and Hood Extensions
No. 23837 also available).

For Models 180 and 181

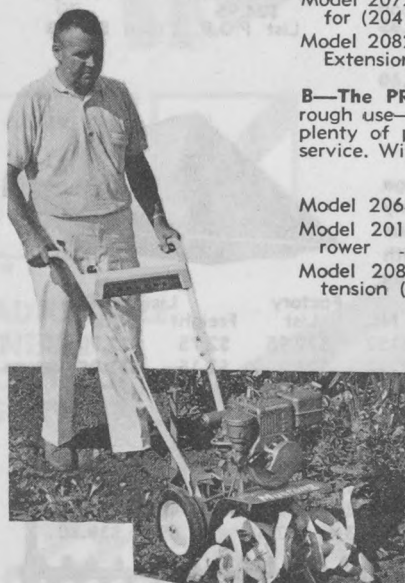
Model 18123 Cultivator (less six chisels)
Prices on request.

Model 15013 (1¼"x8" chisels) Each

| Stock No. | Factory List | Freight | List F.O.B. |
|--|--------------|---------|-------------|
| 02-48A95 | | | S'toon .70 |
| Model 15017 (2"x8" chisels) Each | | | .80 |
| 03-48A76 | | | |
| Model 18219 8" Moldboard Plow | | | |
| Prices on request. | | | |
| Model 18609 22" Rotary Tiller | | | |
| 593-48A56811 | \$141.25 | \$8.10 | \$149.35 |
| Model 18837 8" Tine and Hood Extension | | | |
| 88-48A8671 | | | \$21.05 |
| Model 22850 Electric Light Kit | | | |
| 31-48A836 | | | \$7.60 |

For Models 235 and 236

| | | | |
|--|----------|---------|----------|
| Model 23123 Heavy Duty Cultivator (less 6 chisels) | | | |
| 215-48A3134 | \$51.35 | \$5.70 | \$57.05 |
| Model 23219 8" Moldboard Plow less 23131 hitch | | | |
| 220-48A6044 | \$52.45 | \$4.20 | \$56.65 |
| Model 23131 Agricultural Hitch | | | |
| 55-48A9011 | | | \$13.20 |
| Model 15013 (1¼"x8" chisels) Each | | | .70 |
| 02-48A95 | | | |
| Model 15017 (2"x8" chisels) Each | | | .80 |
| 03-48A76 | | | |
| Model 23609 22" Rotary Tiller (less 23131 hitch) | | | |
| 782-48A14651 | \$186.20 | \$9.90 | \$196.10 |
| Model 23837 8" Tine and Hood Extension | | | |
| 88-48A8671 | | | \$21.05 |
| Model 23860 Electric Starter Kit | | | |
| 35-48A3407 | | | \$83.85 |
| Model 22850 Electric Light Kit | | | |
| 31-48A836 | | | \$7.60 |
| Model 16432 Three gang trailing rear mower | | | |
| 57" cut | | | |
| 1312-48A44262 | \$301.00 | \$15.00 | \$316.00 |



Landmaster[®] MARK 650



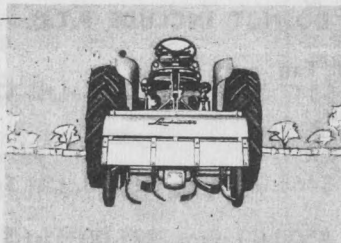
Never before has there been a rotary tiller that is
17 TILLERS IN ONE!

Now, with the **same tiller**, you can lay a perfect berry seedbed in the morning, and till the South Forty in the afternoon, with a swath 85 inches wide. You can work with centered or offset tilling—just as you like. It's a matter of moments to change from one to the other.

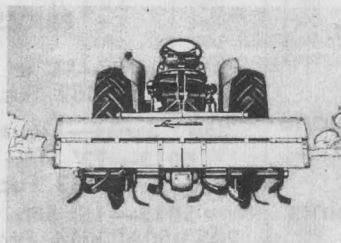
You can do it **only** when you have a Landmaster Mark 650—the rugged and versatile British-made rotary tiller which has proved itself in 67 countries, tilling some of the most difficult soils on earth.

Made for Multiple Service

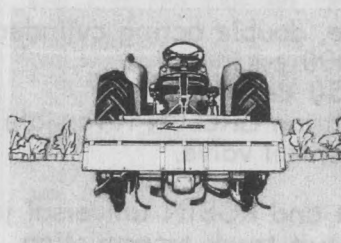
The Landmaster Mark 650 was designed and built as a multi-purpose machine from the very start. Simple and straightforward in design, it requires only modest power—even at its fullest cutting width of 85 inches, it requires only 30 to 40 horsepower. And it does its work quickly. At its fullest width, a 3½ mph. tractor speed will cover just over three acres per hour.



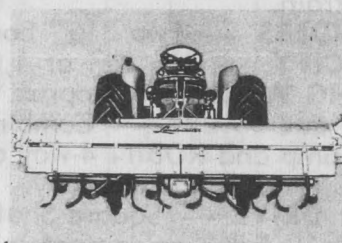
NARROW WIDTH TILLAGE—38"
Provides both light and heavy duty cultivation in strip and inter-row work. Can be used with light tractors—only 15-20 hp.



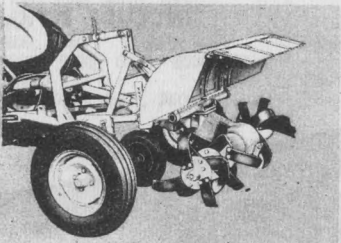
FULL WIDTH TILLAGE—70"
Six-foot wide tillage for field crops, pasture renovation, all general purpose tillage. Only 20-35 tractor hp. required.



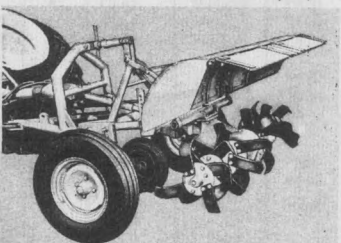
NORMAL WIDTH TILLAGE—53"
Ideal for smaller farms, low acreage plots for all general tillage and seed bed building. Needs only 20-25 hp. tractor power.



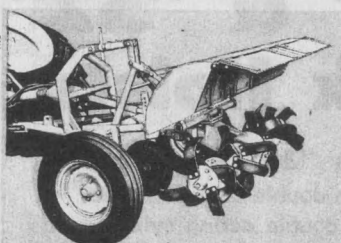
EXTRA WIDTH TILLAGE—85"
Particularly suited for those who wish the widest tiller available for light and medium duty cultivation work. Works at 30-40 hp.



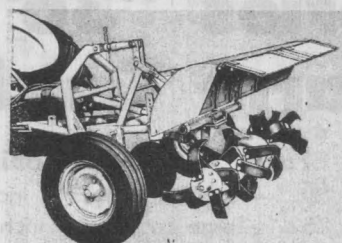
TRAILER MOUNTED—53" SWATH
Hitches to any tractor with PTO. Trailer mounts to any car for road transport. Fulcrum action provides deep tillage.



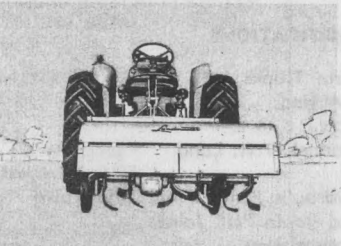
TRAILER MOUNTED—60" WIDTH
Handles all normal width tillage. Like all Landmaster trailer-mounted units, no need to dismount tiller when driving.



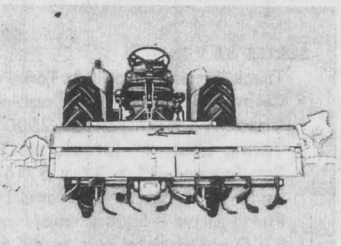
TRAILER MOUNTED—70" WIDTH
Provides full width rotary tillage with any tractor. Trailer fulcrum action assists in getting tillage to 9" immediately.



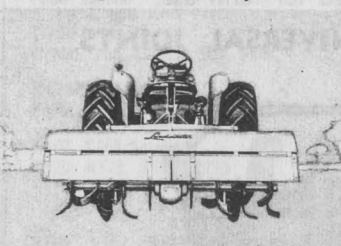
TRAILER MOUNTED—85" WIDTH
Widest tiller available for light and medium duty rotary tillage operations. Trailer rolls at up to 40 mph on highways.



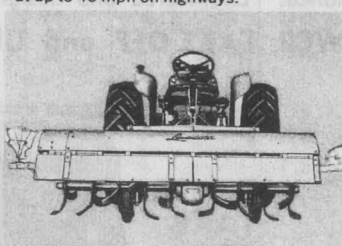
NORMAL OFFSET TILLAGE—53"—RIGHT
Offers normal tillage operation while machine is offset. Particularly useful in tilling along obstruction lines in small plots.



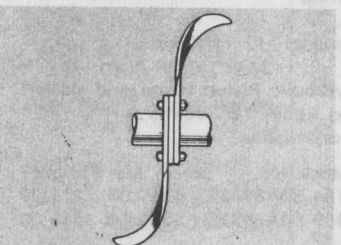
FULL OFFSET TILLAGE—70"—RIGHT
Permits working an entire field including all edges up to fences and roads in a single operation. Offset is 35 inches.



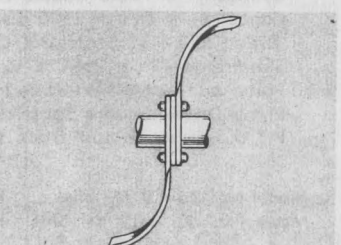
ROW CROP PROTECTED TILLAGE 38" TO 70"
"Straddles" growing crops, tills to required depths on either side. Excellent for weed control. Wide range of combinations.



NORMAL OFFSET TILLAGE—53"—LEFT
Need a left-handed offset tiller? There is one—and it's yours to work wherever you need to work close to margins.



HEAVIEST DUTY SCIMITAR BLADES
Made of genuine Sheffield steel, Landmaster Scimitars are made for heavy duty work—in breaking out heavy, tough soils.



NORMAL DUTY CURVELL BLADES
Self-sharpening Sheffield steel, with a special curve which makes it highly adaptable to all types of soils.

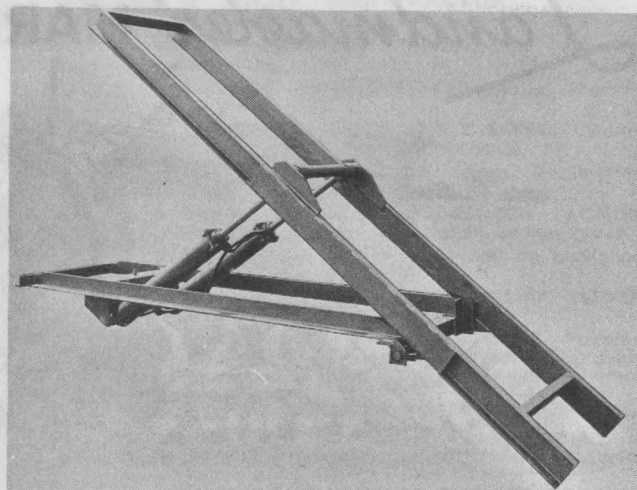
| Model | Size | Stock No. | Saskatoon |
|---|------|---------------|---------------|
| Mark 350 | 38" | 4284-49A08658 | \$1020.00 |
| Mark 500 | 53" | 4515-49A00309 | \$1075.00 |
| With Scimitar Tines | | 4662-49A04239 | \$1110.00 |
| Mark 650 | 70" | 4746-49A02949 | \$1130.00 |
| With Scimitar Tines | | 4956-49A02199 | \$1180.00 |
| Replacement Blades: Scimitar | | 09-49A391 | Each \$2.30 |
| Curvell | | 11-49A532 | Each \$2.80 |
| Shaft Extension Kits: | | | |
| No. 652 Curvell | 15" | 399-49A0897 | (Kit) \$95.00 |
| No. 653 Scimitar | 15" | 399-49A0897 | (Kit) \$95.00 |
| Caisson Trailer to adapt trailer to a standard drawbar tractor | | | |
| | | 1770-49A60453 | \$421.50 |

ALL PRICES F.O.B. SASKATOON

ROBIN TRUCK HOIST Two New Series "35" and "50"

SPECIFICATIONS on 50 SERIES

TILTING SILLS—6" channel 13 ft. long for loads to 8 ton
 —7" channel 15 ft. long for loads to 10 ton
SUB-FRAME—4"x3"x3/8" angle, reinforced at points of strain
CYLINDERS—Twin 5" bore, double acting
CAPACITY—8 ton at 1,000 p.s.i. (13 ft. sills)
 —10 ton at 1,000 p.c.i. (15 ft. sills)
LIFTING ANGLE—Approximately 50 degrees
PUMP & VALVE—Combination reversible GRESEN vane pump and
 ROBIN 4-way control valve
TANK—3 gallon capacity
PUMP DRIVE—Square shaft and ROBIN universal joints



PRICES DO NOT INCLUDE P.T.O.

"35" Series—3/4 to 1 Ton
 1422-50A45482. Fac. \$347.00. Frgt. \$12.60. List **\$359.60**
"50" Series—1 1/2 to 3 Ton
5013—13' Sills
 1906-50A03183. Fac. \$465.00. Frgt. \$20.00. List **\$485.00**
5015—15' Sills
 2050-50A00014. Fac. \$500.00. Frgt. \$21.00. List **\$521.00**

SPECIFICATIONS ON SERIES "35"

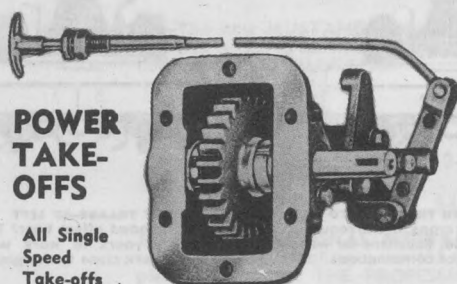
TILTING SILLS — Heavy 4" channel, 10 ft. long.
SUB-FRAME — 3"x2"x3/8" angle reinforced at points of strain.
CYLINDERS — Two 3 1/2" bore, double acting cylinders.
CAPACITY — 4 1/2 ton at 1,000 p.s.i.
LIFTING ANGLE — Approx. 50 degrees.
PUMP and VALVE — Combination GRESEN reversible vane pump and ROBIN 4-way control valve.
TANK — 2 gallon capacity.
PUMP DRIVE — Square Shaft and ROBIN universal joints.
P.T.O. — Extra equipment to suit truck transmission.

Series "36" & "52" Farm Truck Hoists

Facts About the Robin "36" & "52"

For the "36"—large capacity 3 1/2 inch double acting cylinder.
 For the "52"—large capacity 5 inch double acting cylinder.
 The Williams hydraulic piston pump—a combination pump, valve and reservoir. Complete load control and hold down. High dumping angle. Fast and easy installation. Maximum service with minimum maintenance. Engineered and designed for farm use.

POWER TAKE-OFF and UNIVERSAL JOINTS



All Single Speed Take-offs

| Part No. | Model No. | Description | Stock No. | List |
|------------|-----------|-------------------------------|-------------|----------------|
| 170-9-0115 | RS111 | Spur Gear - Standard Shaft | 148-50A3792 | \$36.25 |
| 170-9-0155 | F 440 | Helical Gear - Standard Shaft | 162-50A0623 | \$39.75 |
| 170-9-0185 | RS650 | Helical Gear - Standard Shaft | 162-50A0623 | \$39.75 |
| 170-9-0195 | RS840 | Helical Gear - Standard Shaft | 162-50A0623 | \$39.75 |
| 170-9-0165 | F 470 | Helical Gear - Long Shaft | 175-50A6053 | \$42.75 |
| 170-9-0198 | F 990 | Special Helix Angle | 162-50A0623 | \$39.75 |
| 170-9-0300 | Dash | Dash Control for P.T.O.'s | 29-50A595 | \$7.25 |
| 170-9-0310 | Lever | Lever Control for P.T.O.'s | 14-50A592 | \$3.60 |



SLIP JOINT
 Stock No. 32-50A256
 List **\$7.95**



REGULAR
 Stock No. 24-50A884
 List **\$5.95**

SPECIFICATIONS

SERIES 36

Truck Size—3/4 and 1 Ton Farm Trucks
 Cylinders—3 1/2" Bore Double Acting
 Capacity—4 1/2 Ton at 2500 p.s.i.
 Tilting Sills—4" Structural Channel, 9 ft. Long
 Sub-Frame—3" x 3" x 3/16"
 Pump and Valve—Williams Hydraulic Piston Pump and Valve
 Pump Drive—Square Shaft and Robin "U" Joints
 P.T.O.—Extra to suit truck transmission

SERIES 52

Truck Size—1 1/2 and 2 Ton Farm Trucks
 Cylinders—5" Bore Double Acting
 Capacity—9 Ton at 2500 p.s.i.
 Tilting Sills—5" Structural Channel 12 Ft. Long
 Sub-Frame—3" x 2 1/2" x 1/4"
 Pump and Valve—Williams Hydraulic Piston Pump and Valve
 Pump Drive—Square Shaft and Robin "U" Joints
 P.T.O.—Extra to suit truck transmission

| Model No. | Stock No. | Factory List | Freight | List F.O.B. S'toon |
|-----------------------------|---------------|--------------|---------|--------------------|
| Model No. 36 - 9 ft. Sills | 1184-50A89632 | \$289.00 | \$11.00 | \$300.00 |
| Model No. 52 - 12 ft. Sills | 1389-50A89772 | \$339.00 | \$18.00 | \$357.00 |

Specify Size and Number Required

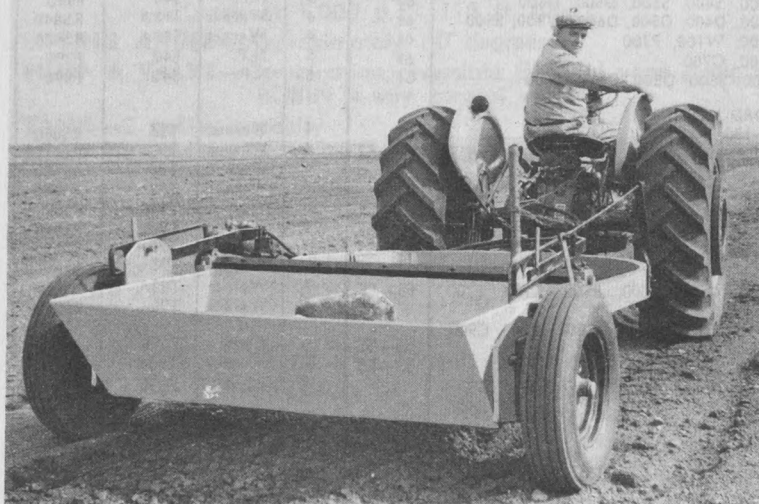
REGULAR TYPE—These Universal Joints are made from Steel Forgings throughout. The high strength of the forgings and the accurate machine work make these joints very efficient for hydraulic hoists, power take-offs, road machinery, farm implements and similar applications. The special center construction allows one-shot lubrication to all four bearings. These joints have an overall length of 4 7/8" and a swing diameter of 2 1/8" and can be furnished for any combination of shaft sizes up to 1" round and 3/4" square.

POWER TAKE-OFF LISTINGS

| Make & Model of Truck | Year | Speed | Transmission | | P.T.O Model No. | Make & Model of Truck | Year | Speed | Transmission | | Model No. |
|--|-------|-------|--------------|-----------|-----------------|---|-------|-------|--------------|-------|-----------|
| | | | Make | Model | | | | | Make | Model | |
| CHEVROLET & MAPLE LEAF Series 1660, 1670, 1680, 1690, 1750, 1760, 1770, 1780 | '50 | 4 | Chev. | Helical | F440 | DODGE-FARGO (Continued) S500, S600 | 58—59 | 5 | N.P. | 540 | F990 |
| Series 1100, 1500, 1600, 1700, 1800, 1420, 1430, 1460 | 51—53 | 4 | Chev. | Helical | F440 | S400, S500, W300, WM300, W500, D300, D400, D500, D600, S500, W300 | 60-61 | 4 | Warner | T98A | RS840 |
| G.M.C. Series 9530, 9533x2, 9540, 9543x2 | 48—50 | 4 | Chev. | Helical | F440 | C600, D700, C700 | 60 | 5 | N.P. | 540 | F990 |
| Series 9850, 9860, 9870 9660, 9670, 9680, 9690, 9750, 9760, 9770, 9780, 9790 | 48—50 | 4 | Chev. | Helical | F440 | D400, S400, S500, D500, D600 | 60 | 5 | N.P. | 540 | F990 |
| Series 9100, 9300, 9400, 9500, 9600, 9700, 9800 | 51—53 | 4 | Chev. | Helical | F440 | D300, D400, D500, D600, W300, S500 | 61 | 4 | Warner | T98A | RS840 |
| CHEVROLET 11, 13, 14, 15, 16, 17, 18 | 54—55 | 4 | Chev. | Helical | F440 | D100, W100, P300 | 61 | 4 | Warner | T98A | RS840 |
| 1300, 1400, 1500, 1600, 1700, 1800, 1900, W1900 | '56 | 4 | Chev. | Helical | F440 | D700, C700 | 61 | 5 | N.P. | 540 | F990 |
| FV-350-8 | 55 | 4 | Chev. | Helical | F440 | S400, S500, D500, D600, S600 | 61 | 5 | N.P. | 540 | F990 |
| CHEVROLET & MAPLE LEAF 9300 through 9900, W9900 450, F450, S450 | 56 | 4 | Chev. | Helical | F440 | FORD-MERCURY M-190 | 50 | 4 | Warner | T98 | RS660 |
| W-500 | 56 | 5 | N.P. | 5401 or 2 | F990 | All Models | 31—52 | 4 | Warner | T9 | RS111 |
| W550, FW550 | 56 | 5 | N.P. | 5403 or 4 | F990 | Series 100, 250, 350 | 53 | 4 | Warner | T98 | RS660 |
| 550, F550, 600, F600 | 56 | 5 | N.P. | 5401 | F990 | Series 500, 600 | 53 | 4 | Warner | T98 | RS660 |
| CHEVROLET 1300, 1420, 1430, 1450, 1460, 1500, 1600, 1700, 1800 | 56 | 5 | N.P. | 5402 | F990 | F100, F250, F350 | 53—55 | 4 | Warner | T98A | RS840 |
| 1600, 1700, 1800, 1900 | 57 | 4 | Chev. | Helical | F440 | P-350 | 53—55 | 4 | Warner | T98 | RS660 |
| 1900, W1900 | 57 | 5 | Spicer | 3152 | F440 | B500, C500, F500, P500 | 53—55 | 4 | Warner | T98A | RS840 |
| G.M.C. 9300, 9420, 9430, 9450, 9460, 9500, 9600, 9700 | 57 | 4 | Chev. | Helical | F440 | B600, C600, F600, B700, C700, F700 | 53—55 | 4 | Warner | T98 | RS660 |
| 9600, 9700, 9900 | 57 | 5 | N.P. | 540C | F990 | B750, C750, F750, C800, F80, C900, F900 | 53—55 | 5 | Clark | 265V | 15HFN |
| 9900, W9900 | 57 | 5 | Spicer | 3152 | F440 | T700 Series 6x4 | 53—55 | 4 | Warner | T98 | RS660 |
| A-600 | 57 | 5 | N.P. | 540GR | F990 | T700 Series 6x4 & T800 Series 6x4 | 53—55 | 5 | Clark | 265V | 15HFN |
| CHEVROLET & G.M.C. Series 3100, 3200, 9310, 9320 | 58—59 | 4 | Chev. | Helical | F470 | F100, F250, F350, P350, F500, C500, B500, P500 | 56 | 4 | Warner | T98A | RS840 |
| 3400, 3500, 3600, 9360 | 58—59 | 4 | Chev. | Helical | F440 | F600, B600, C600 | 56 | 4 | Warner | T98A | RS840 |
| Series 3800, 9380 | 58—59 | 4 | Chev. | Helical | F470 | F700, B700, C700 | 56 | 4 | Warner | T98A | RS840 |
| Series 4000, 5000, 6000, 8000, 9400, 9600, 9800 | 58—59 | 4 | Chev. | Helical | F470 | F750, C750, B750 | 56 | 5 | Clark | 265V | 15HFN |
| Series 5000, 6000, 8000, 9600, 9800 | 58—59 | 5 | N.P. | 540CD | F990 | F800, C800, F900, C900 | 56 | 5 | Clark | 265V | 15HFN |
| CHEVROLET AND G.M.C. P20-920, C20-92 | 60 | 4 | Chev. | Helical | F440 | T800, T750 | 57 | 4 | Warner | T98A | RS840 |
| C30-930 | 60 | 4 | Chev. | Helical | F440 | Series 500 | 57 | 4 | Warner | T98A | RS840 |
| C10-C910,P10-P910,C20-C920, P20-P920,K14-K914,K15-K915, K25-K925,C10-C910,C20-C920 C30-C930,C40-C940,C-L-S50-60, C-L-S950-960,T60-T960 | 1961 | 4 | Chev. | Helical | F440 | Series 550, 600, 650, 700 | 57 | 5 | N.P. | 540 | F990 |
| C70-C970, S70-S970, T70-T970 C60-C960,L60-L960,S60-S960, T-60-T960 | 1961 | 5 | Clark | 265V | 15HFN | Series 750, 800, 900 | 58 | 5 | Clark | 265V | 15HFN |
| DODGE-FARGO DF2, FN2, DF3, FN3 DG2, FO2 DG3, FO3 DG4 to Ser. 93003378) DG4 after Ser.93003378) FO4 after Ser. 93503098) DG5 after Ser. 93251354) FO5 after Ser. 93751094) DH2, FP2 DH4, FP4 DH5, FP5 FC3D, FC3F, FC3H C3FS, C3FS8, C3DN, FC3FS8, FC3HS8, FC3JS8 CI6, FCIG CI1H, CIJ, FC1H, FCIJ C4B, C4D, C4F, C4HG, FC4B, FC4D, FC4F, FC4HG C4HG, C4H8, C4K8, FC4HG, FC4H8 FC4K8 | 50 | 4 | Warner | T9 | RS111 | 100, 250 Series | 58 | 4 | Warner | T98A | RS840 |
| | 51—52 | 4 | N.P. | Spur | RS111 | 350, 500 Series | 58 | 4 | Warner | T98A | RS840 |
| | 51—52 | 4 | N.P. | Spur | RS111 | 600, 700 Series | 58 | 4 | Warner | T98A | RS840 |
| | 51—52 | 4 | Acme | Helical | RS660 | 750 Series | 58 | 5 | N.P. | 540FD | F990 |
| | 52 | 4 | Acme | Helical | RS660 | 800 Series | 58 | 5 | N.P. | 540FD | F990 |
| | 53 | 4 | Warner | T9 | RS111 | C550, C600, C700 Series | 58 | 5 | Clark | 265V | 15HFN |
| | 53 | 4 | Acme | Helical | RS660 | C750 Series | 58 | 5 | Clark | 265V | 15HFN |
| | 53 | 4 | Acme | Helical | RS660 | T700 Series | 58 | 5 | Warner | T98A | RS840 |
| | 55 | 4 | Warner | T98 | RS660 | C800 Series | 58 | 5 | N.P. | 540FD | F990 |
| | 55 | 4 | Warner | T98 | RS660 | T750, T800 Series | 58 | 5 | Clark | 265V | 15HFN |
| | 55 | 4 | Warner | T98 | RS660 | F600 Series | 59 | 4 | Warner | T98A | RS840 |
| | 55 | 4 | Warner | T98 | RS660 | F700 Series | 59 | 4 | Warner | T98A | RS840 |
| | 55 | 4 | Warner | T98 | RS660 | F750 Series | 59 | 5 | Clark | 265V | 15HFN |
| | 55 | 4 | Warner | T98 | RS660 | F800 Series | 59 | 5 | Clark | 265V | 15HFN |
| | 55 | 4 | Warner | T98 | RS660 | T-750, C-800 | 60 | 5 | Clark | 265V | 15HFN |
| | 55 | 4 | Warner | T98 | RS660 | T-700 | 60 | 5 | Clark | 265V | 15HFN |
| | 55 | 4 | Warner | T98 | RS660 | C-700, 700, C-550, 500, 350 | 60 | 4 | Warner | T98A | RS840 |
| | 55 | 4 | Warner | T98 | RS660 | INTERNATIONAL R110, R120, R130, R150 | 53 | 4 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | R160, R165 Series | 53 | 4 | T10 | WT9 | RS111 |
| | 55 | 4 | Warner | T98 | RS660 | R170, R173, R174, R175 | 53 | 4 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | R110, R111, R112, R121, R122, R130, R120, R131, R132, R150, R151, R153 | 53 | 4 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | R160, R161, R162, R163, R164, R165 | 53—55 | 4 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | RC160, RC161, RC162, R170, R171, R172, R173, R175, RF170, RF171, RF172, RF174 | 53—55 | 4 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | S100, S110, S120, S130, S150, S153, S160, S163, S164, S174 | 53—55 | 4 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | A160, AC160, A164, A174, AC174, A180, AC180 | 55—56 | 4 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | A110, A112, A120, A122, AM120, A130, A132, AB140, A150, A152, A153, A154, AC150, AC154, AM150 | 57 | 5 | N.P. | 540 | F990 |
| | 55 | 4 | Warner | T98 | RS660 | AB120, AB122, AM130 | 57 | 4 | T-10 | WT9 | RS111 |
| | 55 | 4 | Warner | T98 | RS660 | A100, 110, A120, 130 | 57 | 4 | T15 | WT98A | RS840 |
| | 55 | 4 | Warner | T98 | RS660 | A150, A154, A160, A164, A174 | 58—60 | 4 | T15 | WT98A | RS840 |
| | 55 | 4 | Warner | T98 | RS660 | A180, A184, ACF180 | 58—60 | 4 | T15 | WT98A | RS840 |
| | 55 | 4 | Warner | T98 | RS660 | L130, L150 Series | 58—60 | 5 | T19 | NP540 | F990 |
| | 55 | 4 | Warner | T98 | RS660 | L160, L170 Series | 58—60 | 5 | T19 | NP540 | F990 |
| | 55 | 4 | Warner | T98 | RS660 | L-130, L-150 Series | 58—60 | 5 | T-10 | WT9 | RS111 |
| | 55 | 4 | Warner | T98 | RS660 | LC160, LC170, LF170 Series | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | C100, C120 | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | B150, B154, B160, B164, B174 | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
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| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
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| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | T98 | RS660 |
| | 55 | 4 | Warner | T98 | RS660 | | 58—60 | 5 | Warner | | |

Johnson **ROCK PICKER**

BUILT IN SASKATCHEWAN FOR SASKATCHEWAN CONDITIONS



PICK-UP—The Johnson Rock Picker will pick surface stones 3 inches in diameter or greater, covering a width of 5 feet in one smooth operation.



TRANSFER—The rocks are delivered from pick-up rack to stone box with smooth hydraulic action, then stone rack returns to ground position for repeat loading.



DUMPING—When the stone box is loaded it can be quickly transported with ease to desired dumping area and dumped hydraulically.

CHECK THESE FEATURES!

- Will pick up to 5 feet in width.
- Will pick all stones 3 inches in diameter and up to the size a tractor will pass over.
- Sturdily constructed throughout, stone box built of 1/2-inch boiler plate steel.
- Low maintenance cost.
- One cylinder operates picking grate and stone box.
- Save time, labour and equipment breakage in rocky conditions by picking the Johnson way.
- Complete with tires

This is the only stone picker that has a spring loaded apron.

Stock No. 4179-52A08538

\$995.00



You remove only 3 sickle guards at each end and put it on in a matter of minutes.

Picks up entire windrow and conveys it by moving belt to auger. Impossible to thresh out on the way, because windrow is carried, not shoved.

This is the really up-to-date pick-up, for those who know and want the best!

the Northwest Special Pick-Up

Do you know that the Northwest Special Pick-up is the highest priced pick-up on the market. But the difference between a cheap pick-up and the Northwest is only \$80 or \$90. You will save that much with extra bushels you pick up on the first 100 acres you harvest. There is less upkeep with a Northwest Special.

It's smart business to spend a few hours investigating pick-ups and then buy the best.

Stop and think about it—doesn't the efficiency of your combine depend on the ability of your pick-up to feed it? Won't a bunching or erratic pick-up neutralize your trucks, your help, your combine—every bit of money and muscle you invest in the harvest? Then the finest pick-up you can buy will also be the most economical.

The Northwest Special has proved its superiority, season after season, in the toughest conditions.

On a par with the big new combines in massiveness, stamina, and life, it is guaranteed to reduce down time to the irreducible minimum. It absolutely will not pick up stones, big or little. In fact, experience shows that not only does it keep the big stones out of your combine, but it can eliminate gravel dockage entirely. And at the same time, actual figures show that it picks up as much as 15% more bushels to the acre, while maintenance costs are proving by far the lowest of any.

Take a look at the inside to see some of the reasons why the NORTHWEST SPECIAL can do such a tremendous job for you!

You can "inch in" and comb out bunched and heavy windrows with this aggressive finger action.

These large diameter coils permit the long spring fingers to glide over or around rocks without disturbing them.

Recessed riddle bars cannot catch on obstructions on the ground.

The underside is smooth.

Note how the fingers disappear ahead of the discharge point. This makes for smooth, free action, and eliminates back feeding. No beaters or strippers to foul up.

These guides center the fingers in the open space between the belts, so that they are always perfectly placed.

Two or more rows of finger, on the ground make sure that all the crop is picked up, even under the most adverse conditions.

PRICES COMPLETE WITH MOUNTINGS

| | Stock No. | Factory List | Freight | List |
|--------------|---------------|--------------|---------|--------|
| Model 40 8' | 2606-53A03125 | 620.60 | 38.40 | 659.00 |
| Model 52 10' | 3033-53A96606 | 722.25 | 43.50 | 765.75 |

Models to fit most popular combines and all conditions



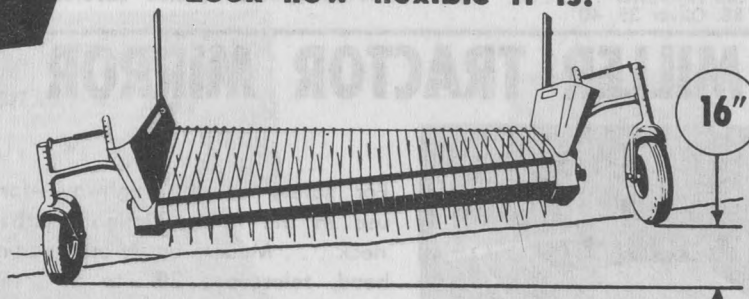
Model 40, the popular regular width pick-up



The great extra wide Model 52, champion in areas where windrows are extremely wide or scattered. Other Combine Drive Mountings

| Stock No. | Fcty List | Freight | List |
|-------------|-----------|---------|-------|
| 247-53A3494 | 58.85 | 4.50 | 63.35 |

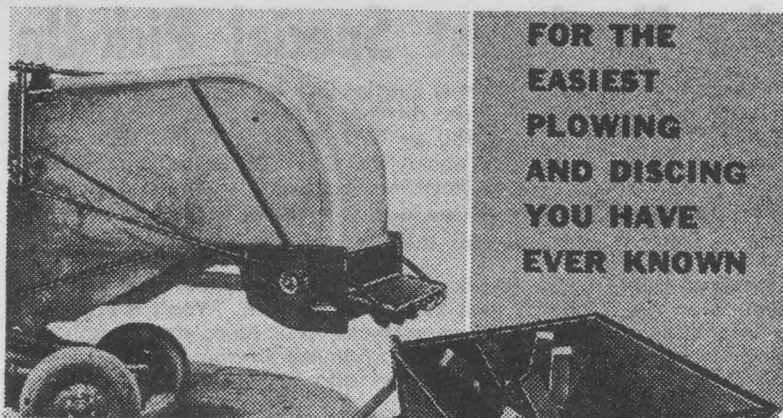
Look how flexible it is:



THE NORTHWEST SPECIAL IS FLEXIBLE ALL OVER!

A three-way floating pick-up, it rides smoothly forward over ridges and slopes, twisting from wheel to wheel to suit the ground as it goes. No other pick-up has anywhere near this much "flow". This is one of the main reasons the Northwest Special gets in so much more of your crop so much easier.

Innes Northwest Special PICK-UP
Gets up to \$9.00 more grain per acre



**FOR THE
EASIEST
PLOWING
AND DISCING
YOU HAVE
EVER KNOWN**

6 Sizes . . . a model for every popular make combine.

THE *Innes* STRAW CHOPPER

Complete with mountings
from \$297 to \$375.

**8 Exclusive Features Make this the Quality Chopper
for Modern High Speed, High Volume Combining**

- Long spirally arranged free swinging hammers level power requirement, give smoothest action.
- Sharpened, serrated, sickle section quality steel retarder knives for more efficient, positive chopping action.
- Long life hardened steel bearings in Swinging Hammers.
- No vibration — near-perfect static and dynamic balance.
- Curved action blades have larger surface to provide "hurricane action"
- super-efficient chopping and cleaning action.
- Adjustable saddles and hinged mounting assure quick, easy installation.
- Balanced adjustment for equal tension on both drive belts.
- Adjustable retarder knives and spreader vanes adapt to heavy or light chopping and controlled spreading of straw.

List F.O.B.

Stock No. Factory List Freight S'toon

MHF 72 SP, MHF82, 72 Pull
Gleaner A & RSP 61 later
and prior, Cockshutt 427 and
132.

1393-54A36872 \$331.70 \$16.50 **\$348.20**

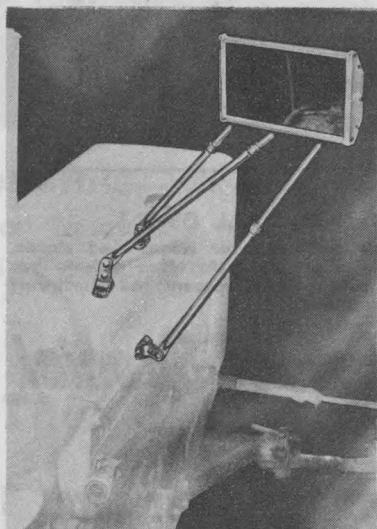
MMG4, MM-SP & MM570,
IHC 101, MHF80, MHF60
and SP, 26, 92, Cockshutt
428 and 137, Case 150 and
120 M2, K2 SP9, 600 and
800 Gleaner C.

1438-54A26872 \$342.40 \$18.50 **\$360.90**

Case 1000, MHF 27-90, Int.
80, 90, 122, 12C, 123SP,
125SP, 125 SPV, 125SPVC,
127, 140, 141, 157, 181,
MM Uni Harvester 120, G12,
S24, 88, Oliver 35, 40

1505-54A01103 \$358.45 \$20.00 **\$378.45**

MILLER TRACTOR MIRROR



For safety on the highway—for use in the field, Eliminates stiff neck . . . Mounts easily on tractor hood, telescopes 20" to 34" in seconds. Light weight 6" x 10" Aluminum Head, rigid tripod construction.

ROUNDED BASE BRACKETS
to fit anywhere, glass replaceable.
Vibration free—foam rubber between glass and back of mirror.

Stock No.
51-54Z0201

List
\$12.75

WALSH

MODEL 81 Wagon Hoist (shown)



One Walsh Hydraulic Grain Dump serves any number of wagons due to ADJUSTABLE DRAG LINK for different heights. Raises box approximately 5 1/2 feet. No tracks or cable to wear out and start sticking. Easily transferred, quickly hooked up.

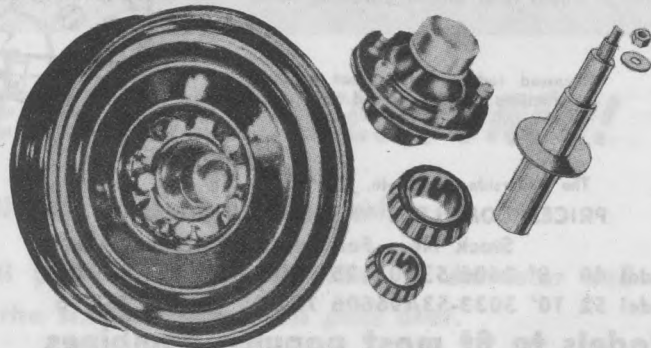
402-54A3408

\$95.75

- STURDY "A" FRAME ELIMINATES STRAIN ON JACK
- DUMPS 3-TON LOAD IN 30 SECONDS
- FITS ANY WAGON BOX
- SMOOTH POWERFUL—EASY PUMPING
- WEIGHS ONLY 65 POUNDS
- JACK REMOVABLE FOR OTHER LIFTING JOBS
- COMPLETELY ELIMINATES OVERHEAD HOISTS

OTACO

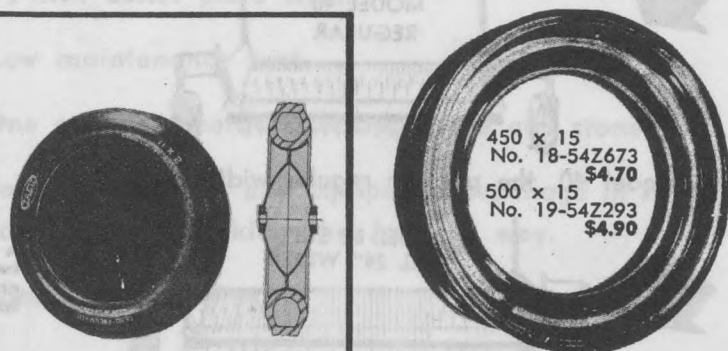
Heavy gauge automotive type steel wheel, drop centre 4.00-16 and 450-15 rims. Suitable to make up trailers or wagons. Durable hub with dust cap and five cadmium plated bolts. High speed Timken bearings. Stub axles are suitable to weld into pipe or frame. Per pair of each wheels, hubs, bearings, and stub axles.



M502 Wheels per pair
M503 Wheels per pair

Stock No.
177-54Z8453
198-54Z6793

List
\$44.35
\$49.70



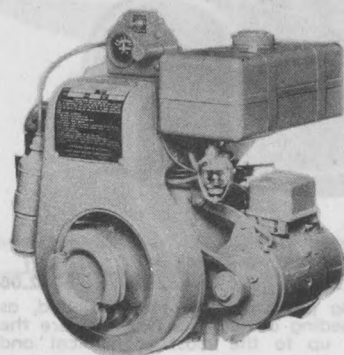
Drop Centre Implement Rims

Heavy gauge semi-pneumatic wheel used extensively in the manufacture of light farming, and garage equipment. Furnished with sleeve bearings for 1/2" axle. Load rating, 75 pounds. Size 11x2.

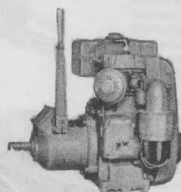
No. OL198A with Sleeve Bearing 12-54Z042 **\$3.00**
No. OL199B with Sleeve Bearing 09-54Z081 **\$2.25**

AIR COOLED ENGINES

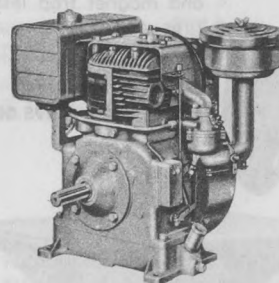
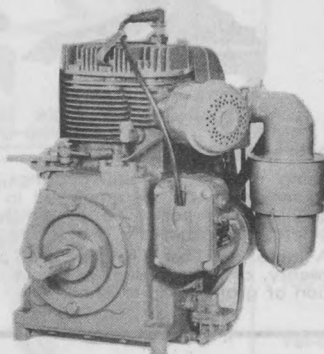
WISCONSIN HEAVY-DUTY *Air-Cooled* ENGINE



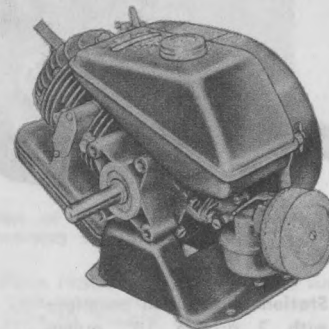
with
ELECTRIC STARTER
and GENERATOR



with
CLUTCH ASSEMBLY

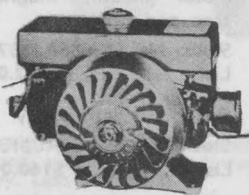


Model "14" 4.32 h.p. @ 2600 r.p.m.
5.00 h.p. @ 3100 r.p.m.
5.25 h.p. @ 3600 r.p.m.
BORE AND STROKE: 2 1/4" x 2 1/4"
WEIGHT: (Rope Starter) Net — 76 lbs.



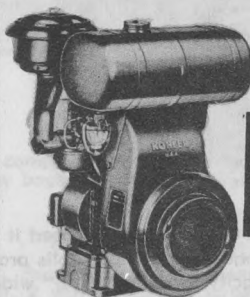
H.P. R.P.M.
2.5 3800

POWER PRODUCTS



POWER PRODUCTS —
LIGHT WEIGHT ENGINES —
THE MODEL AH47

KOHLER



BASIC MODEL
K160
6.6 H.P. at 3600 R.P.M.

| Make | Model | H.P. | Stock No. | List |
|-------------------|-----------------------------|------|---------------|----------|
| WISCONSIN | AENL—Standard | 9.2 | 680-55A00631 | \$160.00 |
| | AENL—with Clutch | 9.2 | 986-55A02791 | \$232.00 |
| | AENL—with Starter & Gen. | | | |
| | (6 or 12 volt) | 9.2 | 1241-55A02842 | \$292.00 |
| | AGN—Standard | 12.5 | 1173-55A06432 | \$276.00 |
| | AGN—with Clutch | 12.5 | 1513-55A06203 | \$356.00 |
| | AGN—with Starter & Gen. | 12.5 | 1725-55A01543 | \$406.00 |
| | TH—Standard | 8-18 | 1593-55A57813 | \$375.00 |
| BRIGGS & STRATTON | TH—w/12 volt Starter & Gen. | 8-18 | 2086-55A53714 | \$491.00 |
| | 23A Rope Start (Cast) | 9 | 571-55A33411 | \$134.50 |
| | 80301 Rope Start (Alum.) | 3 | 217-55A8434 | \$51.15 |
| | 80302 Rewind Start (Alum.) | 3 | 228-55A3754 | \$53.80 |
| | 143302 Rope Start (Alum.) | 5.75 | 374-55A7947 | \$88.20 |
| | 14 Rope Start (Cast) | 5.25 | 529-55A78501 | \$124.55 |
| | #14B Rope Start (cast) | 5.25 | 548-55A96901 | \$129.05 |
| | | | | |
| CLINTON | A-400 Rewind Start (Alum.) | 2.5 | 188-55A1673 | \$44.25 |
| POWER PRODUCTS | AH47 Rope Start (Alum.) | 2.5 | 227-55A3454 | \$53.45 |
| | AH47 Rewind Start (Alum.) | 2.5 | 248-55A8694 | \$58.45 |
| KOHLER | K160 Rope Start | 6.6 | 552-55A05011 | \$130.00 |



**STARTER ROPE
BULK MERCHANDISER**

- 150 FEET OF NYLON ROPE
- TENSILE STRENGTH 1,088 lbs.
- EASY TO DISPENSE with Nylon Starter Rope Kit 7305 lb.

Stock No. 61-55Z2321
List per Roll \$15.40
Stock No. 00-55Z01
List per Foot .12



Starter Rope Display Card—#730505 Per Doz.
Stock No. 32-55Z856 List \$8.23
Starter Ropes—#590343 Each
Stock No. 03-55Z26 List .77



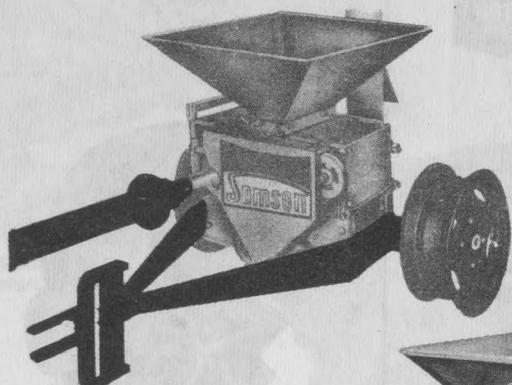
AIR CLEANER DISPLAY PACK—#730500
Contains 6 Air Cleaners — Kit
Stock No. 66-55Z0331 List \$16.63
Part #30170—Each
Stock No. 11-55Z222 List \$2.77



GAS TANK DISPLAY CARD—#730504
Holds 10 Caps—Part #410144—Each
Stock No. 01-55Z93
8 Caps—Part #27799—Each List .49
Stock No. 02-55Z05
4 Caps—Part #29152—Each List .63
Stock No. 03-55Z76
2 Caps—Part #26027—Each List .84
Stock No. 04-55Z48
24 Caps—Card List \$1.05

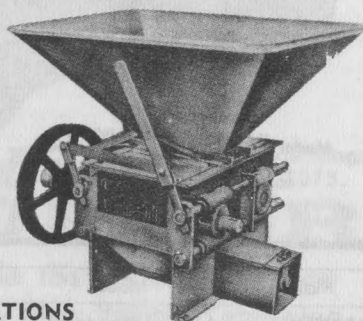


Improve Feeding Results with SAMSON



Stationary 10S Mill complete with 2 groove 15" pulley and magnet trap.

Stock No. ... 1785-56A00753
List \$425.00



Portable 10P mill complete with under-carriage PTO shaft 8' discharge elevator and magnet trap less tires and tubes.

Stock No. 2499-56A08994
List \$595.00

SPECIFICATIONS MODEL 10S and 10P

Dimensions ... Height 30", Width 30", Depth 30".
Drives ... 2 Groove B-Belt — 15" dia. w/shear collar on 10S Mills. Slip Joint P.T.O. shaft on 10P Mills.
Rolls ... Hi-Wear Alloy, grooved and hard chromed surfaced, 10" diameters by 10" long.
Roll Shaft and Bearings ... 15752 ground, polished steel shafting. Permanently greased and shielded ball bearings.
Operating Speed ... Up to 600 R.P.M.
Power ... Any tractor or 3 to 5-HP electric motor.
Capacity ... Crimp up to 100 bushels per hour — crack up to 200 bushels per hour. Varies with kind and condition of grain and power.

HERE'S HOW YOU CAN AUTOMATE YOUR FEED SYSTEM and CUT COST!

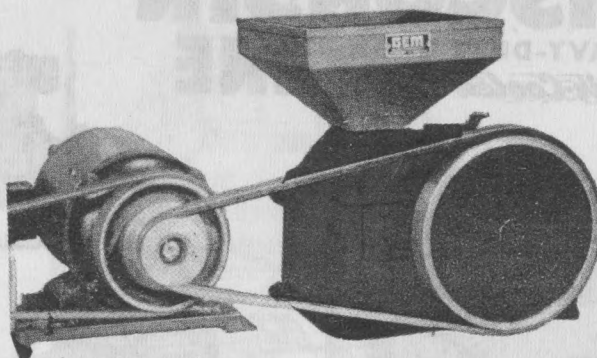


Model M-234 includes 2 screens
Stock No. 2827-56A74565 List \$689.50

- MIX-MILL is a modern electric powered feed processing unit that in one operation performs the three essential steps in feed preparation:
... MEASURING ... MIXING ... GRINDING
- MIX-MILL makes it possible and practical to install an automatic feed processing installation on almost any farm engaged in feeding dairy cattle, livestock, hogs, or poultry.
- MIX-MILL is another step toward mechanization on the farm, eliminating costly labor and difficult hard work.
- MIX-MILL with overhead or ground-level small grain and supplement storage bins delivers the finished ration required.

The GEM Oat Roller

BALL-BEARING 9" ROLLER

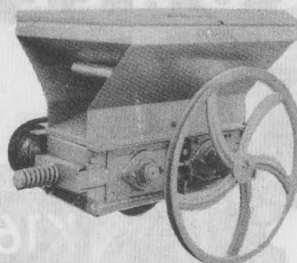


GEM Roller Mill, less motor Stock No. 596-56A82911 List \$142.00

Being mounted on ball bearings, driving gears are not required, and, as no moving parts are employed in the feeding device, the two rolls are the only moving parts, all of which adds up to the most economical and quietest operation for a machine of this type.

A motor of 1 or 1½ H.P. will provide crushed feed at a rate of ten to twenty, or more bushes per hour depending on power available and condition of grain being crushed.

ROBIN Model 6



basic unit with pulley, motor mount, magnet trap and stand.

Stock No. 869-56A48371
List \$212.00

Basic unit with pulley
Stock No. 656-56A02131
List \$160.00

- Fresh feed available as you need it
- Standard equipped crimped rolls produce a very desirable rolled feed
- Large capacity 9" diameter, 6" wide rollers
- Capacity wheat 80, barley 60, oats 45 bushels per hour
All capacities vary with condition of grain
- Can be powered by 1-2 HP electrical motor or 5-7 HP gasoline motor
- Both rolls driven
- Simple mechanical tension release



Magnet grid for basic unit
Stock No. 110-56A4122. List \$27.00

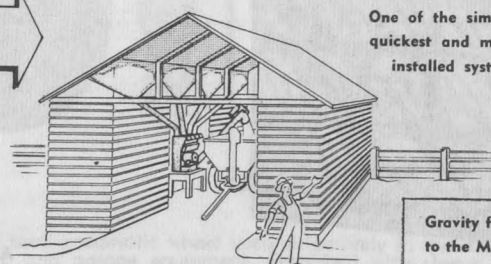
Stand for basic unit
Stock No. 37-56A957 List \$9.25

Motor mount for basic unit
Stock No. 20-56A314 List \$5.10



MODEL M-234

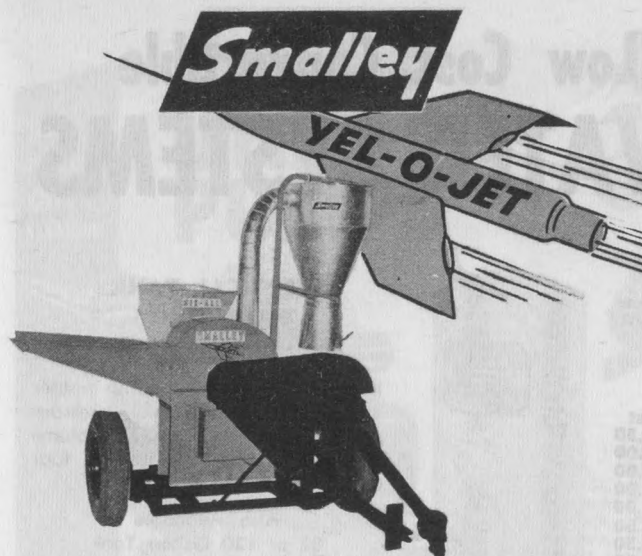
GRANARY INSTALLED MIX-MILL



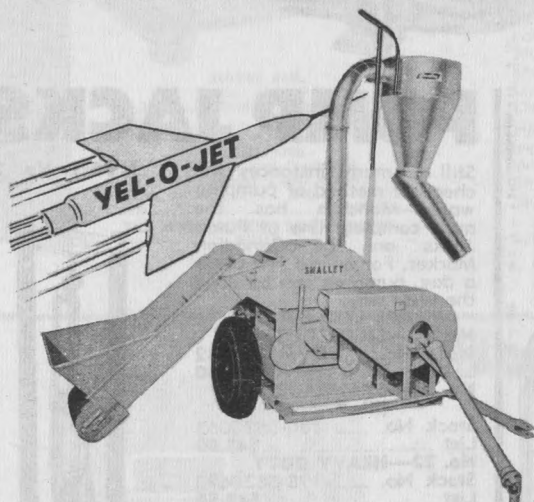
One of the simplest, quickest and most easily installed systems!

Gravity flow direct to the MIX-MILL

This system uses existing space for overhead bins.



Illustrates Smalley YEL-O-JET hammermill with the Mix-all attachment, transport and PTO drive.



117 PH 17" Yel-O-Jet Hammermill complete with Plain hopper, cyclone, cyclone support tower, 2 way bagger, 2 screens, 4 1/2 x 7" pulley. Less transport.

Stock No. 1610-57A50223 Factory List \$383.40 Freight \$37.60 List F.O.B. S'toon \$421.00

117 FT 17" Yel-O-Jet Hammermill complete with self-feeder table, cyclone, cyclone support tower, 2 way bagger, 2 screens, 4 1/2 x 7" pulley. Less transport.

Stock No. 1926-57A53583 Factory List \$458.75 Freight \$46.85 List F.O.B. S'toon \$505.60

117 PT 17" Yel-O-Jet P.T.O. Drive and Transport with 15" wheels (less tires and tubes).

Stock No. 1334-57A59662 Factory List \$317.80 Freight \$22.20 List F.O.B. S'toon \$340.00

If cyclone and cyclone tower and bagger not required deduct \$51.00. If pulley is omitted on above mills deduct \$19.00.

CAPACITIES

| | Oats | Shelled Corn | Ear Corn |
|--------|--------------|--------------|--------------|
| Fine | 5700 and up | 12400 and up | 11300 and up |
| Medium | 9000 and up | 16900 and up | 14700 and up |
| Coarse | 10200 and up | 20300 and up | 15800 and up |

FINESS OF GRIND WITH SMALLEY YEL-O-JET

| | Size of Screen | | |
|-------------------|----------------|--------------|----------|
| | Oats | Shelled Corn | Ear Corn |
| Coarse | 1" | 1 1/2" | 2" |
| Medium | 1/2" | 3/4" | 1" |
| Fine | 1/4" | 1/4" | 1/2" |
| Very Fine to Fine | 1/8" | 1/8" | 1/4" |

SPECIFICATIONS IN BRIEF

| | |
|---|---------------------------------------|
| Smalley 17" Yel-O-Jet complete with support pipe, cyclone, wagon spout or bagger, 2 screens | 499 lbs. |
| Traveling feed table | 153 lbs. |
| Plain hopper | 47 lbs. |
| PTO drive and transport | 372 lbs. |
| Flat belt pulley | 14 lbs. |
| Rotor shaft, extra heavy stress proof | 1.75" Dia. |
| Bearings | 1.75" Self aligning ball |
| Hammers | Swing, four way reversible |
| Number of hammers | 80 |
| Diameter of rotor hammers extended | 24" |
| Recommended speed (under load) | 2200-2500 RPM |
| Power Required | 15 H.P. elect - 2 Plow Tractor and Up |
| Blower | Auger fed |
| Blower speed (with 2400 RPM mill speed) | 2050 RPM |
| Total Grinding Area | 840 sq. in. |

SPECIFICATIONS OF SMALLEY YEL-O-JET HAMMER MILL

| | |
|--|------------------------------------|
| Smalley 10" YEL-O-JET Mill, complete with support pipe, cyclone, wagon spout and pipe or two-way bagger attachment, two screens and 4 1/2" x 7" pulley | 455 lbs. |
| Mix-All attachment for above mill | 40 lbs. |
| Mill Hopper: | Capacity 2 to 3 bushels |
| Height from floor | 32" |
| Mix-All Hopper: | Capacity grain 2 to 3 bushels |
| Concentrates | 120 to 150 lbs. |
| Rotor Shaft | Extra Heavy 1 1/4" dia. |
| Bearings | 1 1/4" self-aligning ball bearings |
| Hammers | swinging, four-way reversible |
| Number of Hammers | 72 |
| Thickness of Hammers | 1/4" |
| Diameter of Rotor, hammer extended | 24" |
| Recommended speed (Under load) | 2200 to 2500 RPM |
| Power required | 10 H.P. and up |
| Blower | auger feed |
| Blower speed (With 2400 r.p.m. mill speed) | 2050 RPM |
| Blower pipe diameter | 5" |
| Total Grinding Area | 494 sq. in. |
| (Grinding screen area 279 sq. in. Sleeper screen area 215 sq. in.) | |

The number of hammer tips and total grinding area are important factors in determining the capacity of any hammer mill.
Available Screens — 1/4", 1/2", 3/4", 1", 1 1/2" and 2" (1/4" and 1 1/2" are shipped with mill unless otherwise specified)
Available Pulleys — 7" face x 4", 4 1/2", 5", 5 1/2" and 6" diameter. (4 1/2" is shipped unless otherwise specified.)

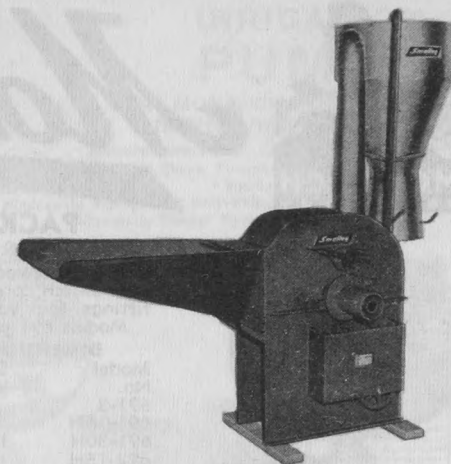


Illustration of the same plain mill with two-way bagger attachment.

100 PH 10" Yel-O-Jet Hammermill complete with Plain Hopper, cyclone, cyclone support tower, 2 way bagger, 2 screens, 4 1/2 x 7" pulley. Less transport.

Stock No. 1151-57A33032. Factory List \$274.20. Freight \$24.75. List F.O.B. S'toon \$298.95

100 FT 10" Yel-O-Jet Hammermill complete with Self Feeder Table, cyclone, cyclone support tower, 2 way bagger, 2 screens, 4 1/2 x 7" pulley. Less transport.

Stock No. 1639-57A58723. Factory List \$390.30. Freight \$32.65. List F.O.B. S'toon \$422.95

100 PT 10" Yel-O-Jet P.T.O. Drive and Transport 15" wheels (less tires and tubes).

Stock No. 1179-57A59532. Factory List \$280.90. Freight \$19.80. List F.O.B. S'toon \$300.70.

Yel-O-Jet Mix-all attach. (10" mill only).

Stock No. 159-57A2913. Factory List \$38.00. Freight \$2.40. List F.O.B. S'toon \$40.40.

If cyclone and cyclone tower and bagger not required deduct \$39.80. If pulley is omitted on above mills deduct \$19.00.



Viking Hammermill—
Stock No. 1165-57A01332

List \$277.50

Full circle screens . . . best design, best for efficient grinding.

Non-plugging, Non-clogging positive feed control . . . insures correct flow of grain.

Tested and approved by critical government experts — the Viking Mill is good.

Hammers mounted right on motor shaft . . . no loss of your electric power in this Mill.

This motor is a husky. Built-in over-load protection . . . Special Duty, yet it is cheap to operate.

Fully automatic, needs no tending of any kind.

Hardened steel, double edged for double wear . . . guaranteed not to break.

Eight feed adjustments, easy and simple to set.

Heavy steel, electrically welded base . . . gives you years of sturdy service.

It's so easy to operate a child can use it.

Load indicator lets you see the actual load on your motor.

VIKING ELECTRIC HAMMER MILL

SPECIFICATIONS

1 H.P. capacitor motor — 220 Volts — 3600 R.P.M. Totally enclosed. Provided with starting switch and overload protection. 15 swinging hardened steel hammers—reversible—guaranteed against breakage for all time. 15-inch diameter full-circle screens. Sizes: 1/16, 3/32, 1/8, 5/32, 3/16, 1/4, 3/8, 1/2. Any two included with Mill. 145 pounds crated.—21 inches wide, 19 inches deep, 22 inches high. All Mills are fully covered by patents, granted or pending. GUARANTEED—against defective material and workmanship for one year.



Monarch

Low Cost Convertible WATER SYSTEMS

PACKAGED PUMP TANK UNITS

(FOR COTTAGES AND SUBURBAN HOMES)

Includes convertible Pump, Motor Unit, galvanized tank, pressure switch, pressure gauge, air volume control, pump to tank fittings, foot valve. Ready to install.

Models 691 are 1/3 HP rating. Models 692 are 1/2 HP rating.

| DIMENSIONS | | PACKAGED TANK UNITS | | List |
|------------|-----------------|---------------------|-------------|----------|
| Model No. | Shipping Weight | Tank Size Gals. | Stock No. | |
| 691-3 | 64 | Brady T-4 | 478-5820659 | \$119.50 |
| 691-15H | 85 | Horiz 15 | 572-5820441 | \$143.00 |
| 691-30H | 108 | Horiz 30 | 612-5820422 | \$153.00 |
| 692-15H | 88 | Horiz 15 | 628-5820652 | \$157.00 |
| 692-30H | 111 | Horiz 30 | 668-5820633 | \$167.00 |
| 691-30 | 121 | 30 Vertical | 598-5820691 | \$149.50 |
| 691-42 | 134 | 42 Vertical | 622-5820442 | \$155.50 |
| 692-30 | 124 | 30 Vertical | 654-5820803 | \$163.50 |
| 692-42 | 137 | 42 Vertical | 678-5820653 | \$169.50 |

PIPE SIZES

As Shallow Well: 1" Suction, 3/4" Discharge
As Deep Well: 1 1/4" Suction, 1" Pressure Pipe, 3/4" Discharge.
For 3" Ejector: 1" Suction, 3/4" Pressure Pipe, 3/4" Discharge.



VERTICAL TANK PUMP UNITS

(for Homes and Farms)

Includes Convertible Pump motor unit, galvanized tank, pressure switch, pressure gauge, air volume control, pump to tank fittings, foot valve.

Also Available
82 or 120 Gallon Tank

Frost-Proof YARD HYDRANTS

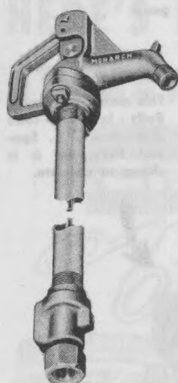
PROVIDE:

- YEAR ROUND WATER SERVICE!
- EXTRA FIRE PROTECTION!
- WATER WHERE YOU NEED IT!

SPECIFICATIONS

| Model No. | Size | Bury Depth | Overall Length |
|----------------|------|------------|----------------|
| 1420 | 3/4" | 4' | 6 1/2' |
| Stock No. | | | 76-5820251 |
| List | | | \$19.00 |
| 1421 | 3/4" | 6' | 8 1/2' |
| Stock No. | | | 84-5820661 |
| List | | | \$20.75 |
| 1422 | 3/4" | 8' | 10 1/2' |
| Stock No. | | | 90-5820081 |
| List | | | \$22.50 |
| 1423 | 3/4" | 10' | 12 1/2' |
| Stock No. | | | 97-5820491 |
| List | | | \$24.25 |

Monarch Yard Hydrants can be installed wherever water is needed—don't deny yourself the full benefits of a Water System.



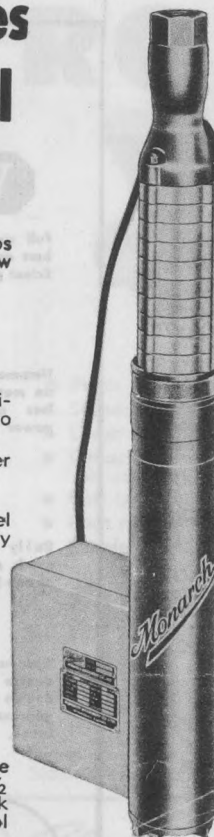
Monarch Submersibles You can sell FAST

1. They are Quality Pumps at an unbelievable low cost.
2. They are 100% WATER-FILLED WATER-COOLED. Never need priming. Never need oiling.
3. They are noiseless, efficient and economical to run.
4. Extra built-in Horse Power assures POWER IN RESERVE!
5. Brass and Stainless Steel construction permanently resists corrosion.

Capacity: 528 U.S. G.P.H.
Depth: 60 feet.
Discharge: 20 P.S.I.

MODEL #3007 1/2 HP PUMP 100 ft. Cable

Stock No. 1420-58200482
List \$355.00
Above suggested retail price includes . . . Submersible 1/2 HP Unit with built-in check valve and motor control panel with 100 ft. cable.



PUMP JACKS

MODEL No. 24

Still in many instances the cheapest method of pumping water—Monarch has the most complete line of Pump Jacks on the Canadian Market. For only a few cents a day, pumping can be done the easy way.

PUMPS LESS PULLEYS

No. 11—LIGHT DUTY
Stock No. 124-5820842
List \$31.00

No. 24—STANDARD (Illustrated)
Stock No. 180-5820063
List \$45.00

No. 22—HEAVY DUTY
Stock No. 198-5820693
List \$49.50

No. 33—EXTRA HEAVY DUTY
Stock No. 274-5820845
List \$68.50

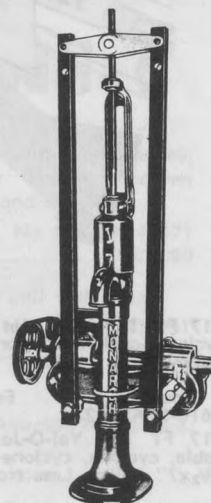
Rely on Monarch for all your Pump and Well Accessories.

- Pump Standards
- Cylinders
- Pump Rod
- Well Points
- Sanitary Well Caps

EASY INSTALLATION

No. 24 Jack bolts directly to Pump Standard as illustrated.

| | | |
|--------------------------------|--------------------------|-------------------|
| 11" V Pulley (for Model 11) | Stock No. 15-582003 | List \$3.75 |
| 19" V Pulley (for Model 11) | Stock No. 35-582617 | List \$8.95 |
| 8" V Pulley (for Model 24) | Stock No. 10-582002 | List \$2.50 |
| 12" V Pulley (for Model 24) | Stock No. 18-582273 | List \$4.65 |
| 19" V Pulley (for Model 22) | Stock No. 35-582617 | List \$8.95 |
| 23" Flat Pulley (for Model 22) | Stock No. 30-582006 | List \$7.50 |
| 9" V Pulley (for Model 33) | Stock No. 10-582212 | List \$2.65 |
| 12" V Pulley (for Model 33) | Stock No. 18-582273 | List \$4.65 |



BARREL PUMPS (PLUNGER TYPE)

BP-1, 8 lbs.—Pump furnished complete with bung adaptor threaded for 1 1/2" and 2" steel drum openings, discharge spout threaded for 3/4" garden hose.

Stock 26-582235 List \$6.65

ROTARY TRANSFER AND BARREL PUMPS (SLIDING BRASS VANE TYPE)

Model No. V-1SP, 22 lbs., 3/4" Size—Pump and handle furnished complete with discharge spout threaded for 3/4" garden hose, 3/4" suction pipe 40" in length, bung adaptor threaded for 1 1/2" and 2" steel drum openings, rain drip rubber washer.

Stock No. 73-5820641 List \$18.25

Model No. V-1SPH, 25 lbs., 3/4" Size—V-1SPH Packaged Unit, as above but complete with 3/4" x 8 ft. length of neoprene rubber hose.

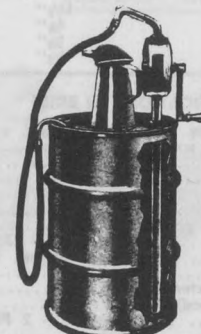
Stock No. 96-5820291 List \$24.00

Model No. V-1, 15 lbs., 3/4" Size—Pump and handle, iron fitted. Capacity 7 to 10 gal. per minute.

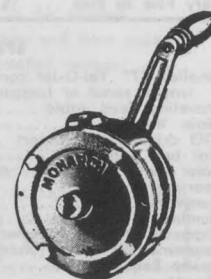
Stock No. 59-5820811 List \$14.75



BP-1



V-1SPH



V-1

MODELS 5ML & 7ML
SELF-PRIMING

UTILITY PUMPS

• LIGHT
• PORTABLE
• SELF
CLEANING



MODEL 5ML
1 1/2" Suction and Discharge
2 1/4 H.P. Engine 5,000 G.P.H.
Stock No. 556-59Z02111
List \$139.00

MODEL 7ML
2" Suction and Discharge
3 H.P. Engine 7,000 G.P.H.
Stock No. 596-59Z02911
List \$149.00

THE MOST MODERN SELF-PRIMING PUMP



MODEL HP-1 1/2 E

HP 1-1/2 E 158 lbs. 2" suction, 1-1/2" discharge, mounted on Steel Skids, direct connected to a Wisconsin 7 H.P. BKN Engine.
Stock No. (Ind.) 1300-59Z00062
Stock No. (Farm) 1108-59Z06122
List (Ind.) \$327.00
List (Farm) \$277.00

HP 2-1/2 E 265 lbs. 2-1/2" suction and discharge, mounted on Steel Skids, direct connected to a Wisconsin 9 H.P. AENL Engine.
Stock No. (Ind.) 1608-59Z06123
Stock No. (Farm) 1348-59Z06962
List (Ind.) \$402.00
List (Farm) \$337.00

HP 2-1/2 E-2PW 295 lbs. As above, mounted on two Pneumatic Tired Wheels.
Stock No. (Ind.) 1807-59Z04163
Stock No. (Farm) 1530-59Z00603
List (Ind.) \$451.75
List (Farm) \$382.50

Note: 3" models available on request.

IRRIGATION PUMPS

RELY ON MONARCH FOR ALL YOUR PUMPING REQUIREMENTS

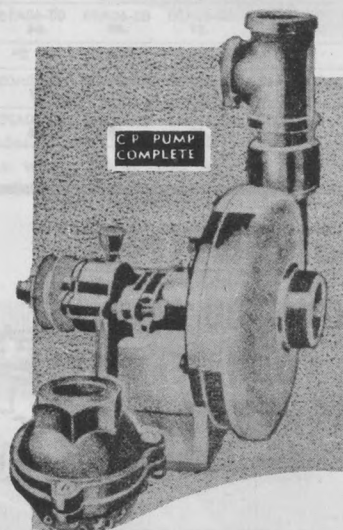
Manufacturers of ...

- Hand Barrel Pumps
- Centrifugal Pumps
- Hydraulic Equip.
- Stock Pumps
- Bronze Gear Pumps
- Self-Priming Pumps
- Domestic Water Systems
- Pump Jacks



Monarch CP Series Pumps

MONARCH CP SERIES ARE THE MOST VERSATILE PUMPS YOU CAN BUY. DESIGNED FOR GENERAL SERVICE, THEY ARE USED IN INDUSTRY, FARMS AND HOMES AND ARE IDEAL FOR DEWATERING DUGOUTS, BASEMENTS AND BOATS. RUDD AND COMPACT IN DESIGN, THEY PERFORM A SMOOTH AND EFFICIENT SERVICE.



| Model No. | Suction Size | Discharge Size | Sh. Weight | DESCRIPTION |
|-----------|--------------|----------------|------------|--|
| CP-00 | 1" | 3/4" | 13 | Centrifugal Pump, complete with priming attachment, 2-1/2" Vee Pulley and 1" Foot Valve. Stock No. 86-59Z0271 List \$21.50 |
| CP-0 | 1-1/4" | 1" | 20 | Centrifugal Pump, complete with priming attachment, 2-1/2" Vee Pulley and 1-1/4" Foot Valve. Stock No. 98-59Z0691 List \$24.50 |
| CP-1 | 1-1/2" | 1-1/2" | 37 | Centrifugal Pump, complete with priming attachment, 2-1/2" Vee Pulley and 1-1/2" Foot Valve. Stock No. 134-59Z0862 List \$33.50 |

NOTE:—Unless otherwise specified, these pumps will be shipped as above. If pumps are required less foot valves, less priming attachment and less Vee Pulley—i.e. the basic pump only, please specify.

Berkeley
Pumps & Water Systems



BELT DRIVE PUMPS

Stock No. 198-59Z0693
\$49.50

PERFORMANCE

| Model | H.P. Range | Capacity Range | Pressure Range |
|-------|------------|----------------|----------------|
| BIMR | 1/4 to 3/4 | 5 - 40 | 10 - 35 |
| BIXR | 1 to 3 | 10 - 70 | 10 - 60 |

Sterling
"Vol-A-Flow"



Model CA-100

Stock No. 93-59Z4681 List \$23.30

This pump is designed so that a moderate amount of wood slivers, gravel, or debris will not damage the pump or retard the discharge flow. The Body, Cover and impeller are cast from rust-resistant aluminum alloy and the pump shaft is stainless steel.

This pump may be driven by using flexible couplings on direct drive, or by using pulleys and belts if the shafts are parallel and the pulleys directly in line.



COBRA

Flexible Plastic Pipe and Fittings

| Size | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|--------------------------------|---------------------|----------------------|-----------------------|-----------------------|------------------------|------------------------|
| Farm Water System Pipe Per (C) | 27-60A245 \$6.77 | 43-60A268 \$10.77 | 64-60A8821 \$16.10 | 98-60A4591 \$24.42 | 118-60A4532 \$29.42 | 163-60A8623 \$40.85 |
| Normal Shipping Length | 400 | 400 | 300 | 300 | 250 | 200 |
| Weight in Lbs. per 100 ft. | 7 | 12 | 18 | 26.6 | 31.8 | 45.0 |



CLAMP

INSERT
THREAD ADAPTER



INSERT
COUPLING

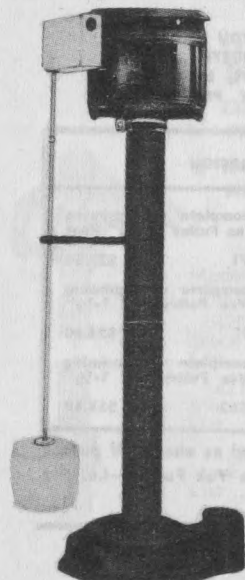


INSERT
ELL



INSERT
TEE

Economy Sump Pump



- Thermal protected 1/3 H.P. 110-volt ball-bearing motor.
- Fully automatic—dependable micro switch, resistant to rust and corrosion. Pump may be set up off level and give good performance.
- Float is solid plastic—indestructible, cannot rust or corrode.
- All metal parts of switch and float rod are cadmium plated, cannot rust.
- Switch lever and float rod guide are treated with plastic compound to prevent vibration.
- Capacity 3000 Imperial Gallons per hour at 6-foot head.
- Overall height about 34 inches.

Pump base is cast iron, with heavy seamless steel tubing for pump standard. Impeller is five vaned, open type, with solid drive shaft coupled directly to electric motor. Galvanized steel wire screen 7 1/2" diameter covers suction bottom of pump. Has 1 1/4" discharge outlet.

Stock No.
175-60A6953
List \$44.95



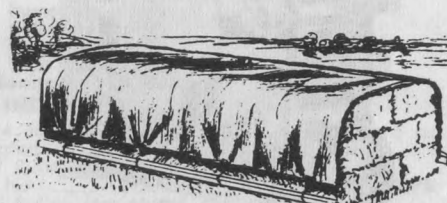
THREADED ELBOW

| | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|---|-----------------|-----------------|------------------|--------------------|---------------------|---------------------|
| Insert Tee Less Clamps | 01-60A62 .32 | 02-60A03 .38 | 02-60A253 .44 | 03-60A95 .74 | 04-60A87 .97 | 05-60A001 \$1.25 |
| Insert Ell Less Clamps | 01-60A22 .27 | 01-60A62 .33 | 02-60A13 .39 | 02-60A54 .59 | 03-60A86 .85 | 04-60A87 .98 |
| Threaded Elbow | 03-60A65 .70 | 04-60A07 .87 | 04-60A17 .89 | 05-60A69 \$1.20 | 06-60A811 \$1.48 | 09-60A771 \$2.21 |
| Insert Adapter Less Clamps | 01-60A61 .20 | 01-60A81 .22 | 01-60A32 .27 | 02-60A03 .37 | 02-60A04 .50 | 03-60A45 .67 |
| Insert Coupling Less Clamps | 01-60A61 .20 | 01-60A81 .22 | 01-60A22 .27 | 02-60A03 .37 | 02-60A93 .49 | 03-60A15 .64 |
| Identification | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
| Clamps, Stainless Band, Plated Saddle Screw | 01-60A32 .29 | 01-60A42 .30 | 01-60A42 .30 | 01-60A52 .31 | 01-60A52 .31 | 02-60A03 .37 |
| Clamps, All Stainless Steel | 02-60A33 .41 | 02-60A33 .41 | 02-60A33 .41 | 02-60A43 .43 | 02-60A43 .43 | 02-60A73 .46 |

MASTEX MILROL SHEETING



CISTERN and POND LINERS



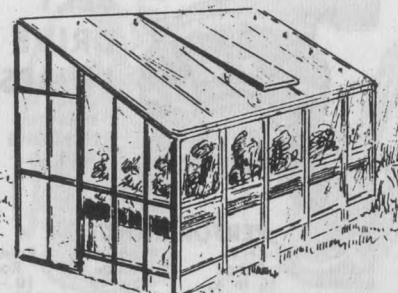
HAYSTACK COVERS



TEMPORARY GRAIN STORAGE



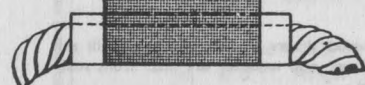
EQUIPMENT COVERS



HOT AND COLD FRAMES

.006" Black

MASTEX Tape and Tarp Ties are re-usable and may be removed and re-used on other tarpaulins or re-positioned for different uses on existing tarpaulin.



6 Mill sq. ft. _____
Tarp Ties (Box 20) _____
Tape (2"x100' roll) _____

Stock No. 05-60A89
List \$1.22

Stock No. 28-60A255
List \$6.90

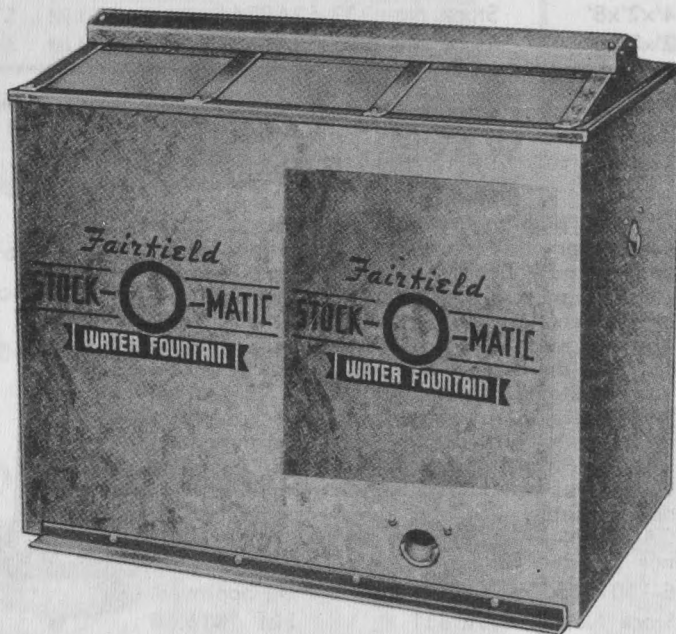
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Fairfield

STOCK-O-MATIC

AUTOMATIC WATER FOUNTAIN

NON-RUSTING "WHITE-GLOVE" CLEANING EASE



Provides fresh running water direct from pipeline. Keeps water warm and ice-free in winter; cool and clean in summer.

APPROVED
NON-SIPHONING

- Stainless Steel Troughs
- Can Serve 150 Cattle
- Quiet Fiber Glass Lids
- Electric Heat

CAN'T CONTAMINATE WATER — Water inlet above overflow level; water can't back up into water lines.

6 CATTLE DRINKS — Three drinking places on each side spaced to permit six animals to drink at one time.

FILLS FASTER THAN ANIMALS DRINK — Precision float valves admit water as fast as animals use it. Polystyrene float controls level of water; won't leak or water log.

CAN SERVE 1, 2 OR MORE PENS — May be installed with one end against wall or fence to serve a single pen or feedlot, or fountain can be placed in partition or fence to serve two or more cattle pens or feed lots or combination cattle-hog runs.

QUICK FLUSH-OUT CLEANING — Flushing rod in 6-place cattle trough permits "white-glove" cleaning. No need to get hands wet. Simply pull rod and water rushes in, flushing dirt and sediment out drain. Hog trough cleans in similar manner simply by removing drain stopper.

QUIET, SMOOTH-ACTION LIDS — Flexible fiber glass top lids can't stick to animal's nose or tongue in cold weather. No sharp edges that might cause injury. Smooth closing action of Stainless Steel springs prevents lids from pushing out water.

HEAT SAVER ADJUSTMENT — Heating unit adjustable for weather changes. Fountain fully insulated with foil-covered moisture-proof fiber glass for low-cost operation.

EFFICIENT HEATING UNIT GUARANTEED 2 YEARS — Electric styles have 700-watt 110 volt element. Factory pre-set thermostat approved by Underwriters Laboratories (UL) and by Canadian Standards Association (CSA) testing laboratories. Sealed to protect from moisture and dirt.

LONG-LASTING CONSTRUCTION — Heavy-gauge prime galvanized steel cabinet formed from a single sheet; reinforced with heavy anchoring angle irons. Non-rusting Stainless Steel troughs and fiber glass top lids will withstand abuse by animals for years.

EASY TO INSTALL — When mounted at ground level, Fountain has proper 25" height to cattle drinks.

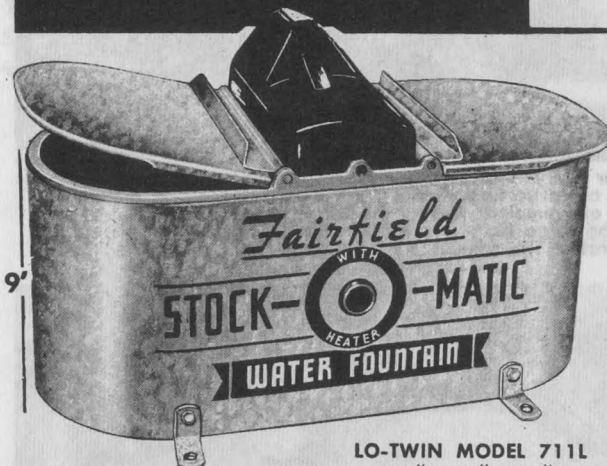
Model 1511L unit with lids
Model 1511 unit less lids

| | |
|-------------|------------|
| Stock No. | List Price |
| 448-61A0698 | \$112.00 |
| 420-61A0048 | \$105.00 |

MODEL 700A

LO-TWIN for hogs and larger animals

TALL-TWIN for cattle, calves, horses and sheep



LO-TWIN MODEL 711L
24" x 13" x 11"
Height to drinking trough 9"

Ideal for Loafing Barns,
Feedlots and Pastures

- **2 Drinking Places** . . . animals drink without crowding; permit installation in fence line or partition to serve 2 feedlots or pens.
- **Fast-Filling Valves** . . . admit 8 gals. of water per minute to troughs. Corrosion-proof. Leak-proof.
- **Low-Cost Operation** . . . assured by full fiberglass insulation and accurate sealed thermostat control, pre-set at factory.
- **New Polystyrene Float** . . . won't leak or water log.
- **Rugged Construction** . . . non-corroding cast iron drinking troughs; reinforced heavy gauge galvanized steel base.



TALL-TWIN MODEL 721T
24" x 13" x 20"
Height to drinking trough 18"

STYLES IN Model 700A

Pressure or Gravity

| | Stock No. | List Price |
|--------------------------------------|-------------|------------|
| Model 721L low twin unit with lids | 229-61A0854 | \$57.25 |
| Model 721 low twin unit less lids | 216-61A0234 | \$54.00 |
| Model 721TL tall twin unit with lids | 266-61A0235 | \$66.50 |
| Model 721T tall twin unit less lids | 253-61A4605 | \$63.30 |



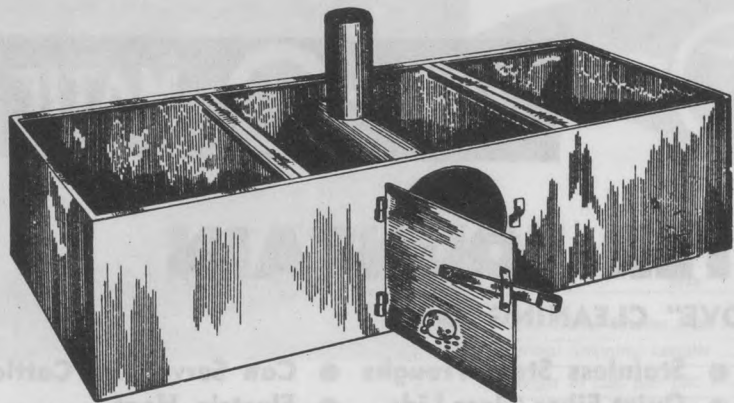
Mount at ground level for swine.



Mount on pedestal for large animals.

- **Efficient Heating Unit** . . . sealed, pre-set thermostat and heater guaranteed 2 years. Electric styles have stainless steel heating element. Gas styles have 3800 BTU high-low flame burner with automatic safety shutoff. (LP burner furnished unless natural gas is specified.)
- **Easy to Clean** . . . handy clean-out plug saves time.

ALL PRICES F.O.B. SASKATOON



LEACH STOCK TANKS

These Stock Tanks are made of heavy 14-gauge all-steel construction, with all seams electric welded. The fire box is built to give the area needed for heating the water with the least fuel consumption. A small fire, morning and night, will keep the water amply warm for your stock. The standard sizes of these tanks are 4' x 2' x 8' with the built-in heater. Capacity 365 gallons.

4'x2'x8'
2'x2'x8'

Stock No. 333-62A8766
Stock No. 291-62A8385

List \$79.50
List \$69.50



STOCK TANK DE-ICER

FLOAT TYPE

A newly designed floating heater to keep stock troughs free from ice in coldest weather. Thermostatically controlled models have thermostat factory-set to 50° to cut off power when water reaches this temperature. Equipped with latest design, guarded elements. Float is made of drawn, heavy gauge, plated rust resistant steel and equipped with three prong power connector plug to meet CSA and UL Regulations.

Models Available

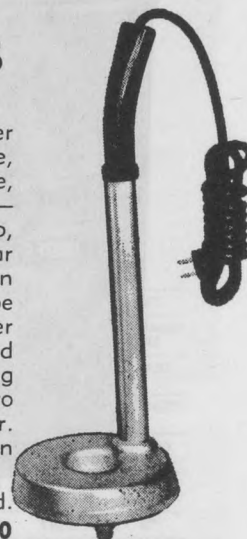
F-1001A 1000W, 115V, Stock No. 61-62A2221 List \$14.55
F-1501A 1500W, 115V Stock No. 64-62A1821 List \$15.25

PORTABLE WATER HEATERS

Model E-1501

A new, high-quality portable electric water heater for use on the farm, in the house, barn or milk house—at the summer cottage, etc. Designed to heat clean water efficiently—by immersing heater element in pail, tub, washing machine, etc. High quality tubular element, die-cast in aluminum, with sealed-in non-adjustable thermostat and NEMA-type grounded plug on rubber cord, sealed to heater terminal to provide for safe operation and long life. Thermostat setting permits boiling water, but will limit heater temperature to approximately 250° if removed from water. CAUTION—Plug should be pulled out when not in use. Only one model available

E-1501 1500W, 115V, CSA and UL approved.
Stock No. 69-62A6831 List \$16.50



Trojan

MODEL 63
Stock No. 34-62A086
List \$8.50



Absolutely non-freezing even in sub-zero weather.

Trojan answers a big wintertime problem for farms without pressure system. No more hand-watering in the winter. Trojan is automatic . . . absolutely non-freezing.

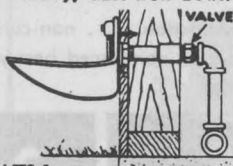
SPEEDS GAINS UP TO 15%

By far, the most practical, most profitable gravity-type waterer. No stale water in the trough . . . easy to clean—100% trouble-free.

When the Trojan Model 63 waterer is installed in a tank or barrel, the valve is in the middle where the water never freezes . . . even in sub-zero weather. Thousands of hog-raisers use Trojan gravity waterers with complete satisfaction.

Ideal for Farrowing Stalls, Fence-line and Feed-lot

- Completely automatic.
- Fits all pressure systems.
- Quickly, easily installed.
- Heavy, cast-iron bowl.



NO FLOATS! NO STALE WATER!

Hogs get "tap-fresh" water each time they drink. Cleaner, better water makes 'em drink more. Tests show 15% faster gains on less feed.

SANI-MAGIC HOG WATERERS

MODEL 93
Stock No. 34-62A086
List \$8.50



Trojan No. 93 can be installed so that supply pipe is inside building while bowl is mounted on outside wall.



GOOD YEAR All-purpose Rubber Troughs for Livestock



Built for every need . . . for feeding sheep, hogs and poultry, as well as cattle and horses. The round shape allows maximum number of animals to feed or water together. Above: Sheep are using the large No. 100 size for crystal salt, water and feed concentrates. The smaller No. 50 size is ideal for lambing pens and show-stocked enclosures.



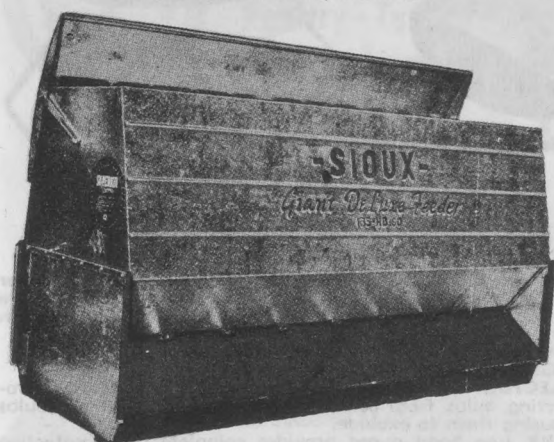
Ice will not crack or split it . . . remains flexible in very cold weather. The trough is reinforced with strong cords and made with weather-resistant rubber to give years of service in winter cold or summer heat.

Model 100, 15 gal. Stock No. 26-62A025 List \$6.50

Model 50, 6 gal. Stock No. 23-62A064 List \$5.75

If it's SIOUX...it's got to be GOOD!

HOG FEEDERS



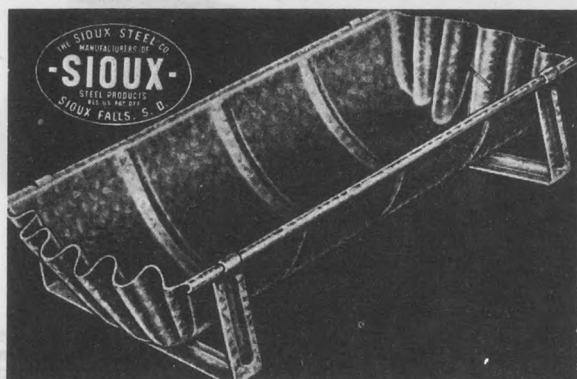
Boiler Plate Lids 25% Stronger

Famous -SIOUX- red lids are 14-gauge embossed boiler-plate.

135HB60 60 Bus. Stock No. 788-63A86751
(Shipping weight 400 lbs.)

List Price \$197.10

ECONOMY HOG TROUGHS



★ Rugged ★ Easy to Clean ★ Low Cost
Stock No. 03-63A97 List .99

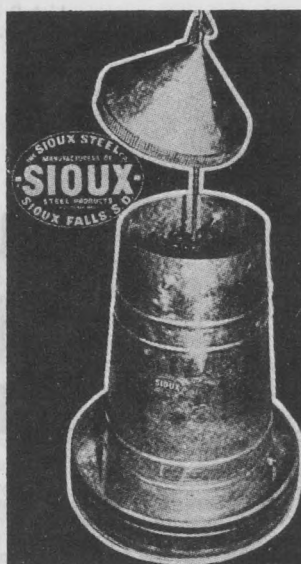
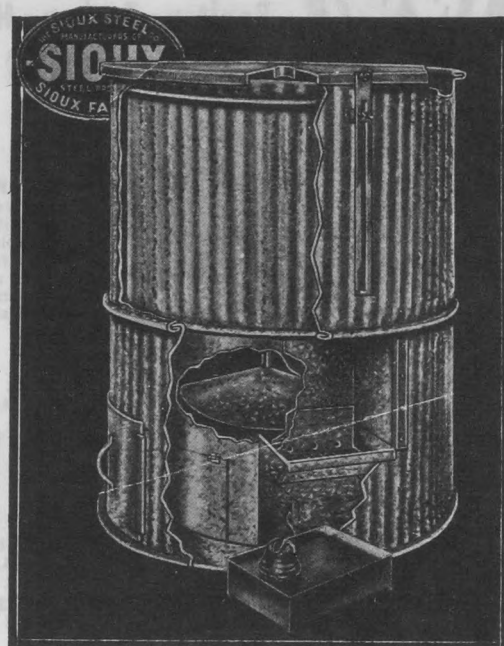
HOG FOUNTAIN

With Heat Intensifier

The new -SIOUX- Hog Fountain represents the greatest improvement in Fountains offered to farmers in many years.

Stock No. 279-63A6955

List \$69.95



50 LB. - SIOUX - POULTRY FEEDER

Shipping Weight
14 lbs.

Stock No. 31-63A636

List \$7.95



MODEL RE-800

Roto-Egg

EGG WASHER

With built-in, pre-set thermostatic heat control designed for BOTH small and large flock owners. Sanitizing tub with pre-set, thermostatic heat control to heat and keep water from 110° to 120° F., electric agitator table, plastic coated egg basket, large sample box of ROTO-EGG Detergent-Sanitizer, instruction book, manufacturer's full year warranty.

EGG WASHER PRICES

| | Stock No. | List |
|-----------------------------|-------------|-------|
| Model RE-800 | 161-63A8223 | 40.35 |
| Model RE-400 | 110-63A0022 | 27.35 |
| Model RE-800 HS Tub | 75-63A0051 | 18.75 |
| Model RE-101 ST Tub | 11-63A612 | 2.70 |
| Model RE-101 EB Egg Baskets | 12-63A232 | 2.90 |
| Egg Detergent 5-lb. Box | 11-63A612 | 2.70 |
| Roto Egg Shell Treat 16-oz. | 05-63A211 | 1.40 |



MODEL RE-400

Roto-Egg

EGG WASHER

Designed Especially for Small Flock Owners
Complete with electric agitator table, sanitizing tub (not heated), plastic coated egg basket, large sample box of ROTO-EGG Detergent-Sanitizer, instruction book, manufacturer's full year warranty.

UNDERWRITER'S LABORATORY APPROVED

ALL PRICES F.O.B. SASKATOON

WARNER

Poultry • Turkey • Hog Equipment

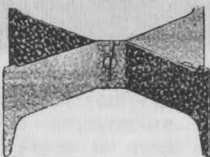


No. G-2 PLASTIC BASE ONE GAL. GLASS FOUNT

No. G-2—One-gallon, glass fountain complete. New polystyrene plastic base is designed for extra strength. Available in variegated colors. Non-corroding. Non-rusting. Safe for use with medications. Base 8 1/4" diameter, 1 1/2" deep. Fountain opening 4 3/4".

Stock No. 06-64A821 List Price \$1.45

No. G-12 STAND



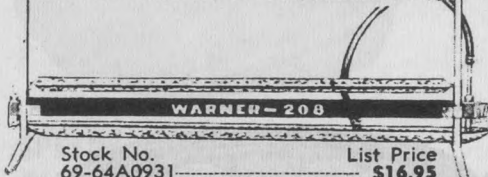
Stock No. 02-64A73 List Price .45

No. P-9 PLASTIC MASON JAR FOUNT



Stock No. 00-64A61 List Price .20

No. 208 FLOOR WATERERS
No. 208—Adjusted to low position of 2 1/4"



Stock No. 69-64A0931 List Price \$16.95

FLOAT VALVES



No. F-30—The trouble-free "Manchester" brass and copper automatic float valve has 2 3/4" stem. Engineered for simplicity. Furnished with two washers and cadmium-plated nut.

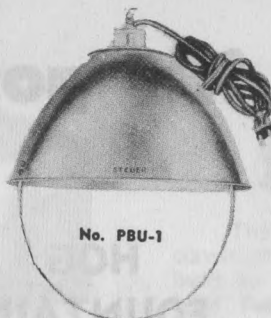
Stock No. 10-64A712 List Price \$2.65

No. E-32

EGG SCALE
Made of attractively finished steel. Dial designed for easy reading. Equipped with leveling device. Very dependable.

SPECIFICATIONS
No. E-32—Egg Scale. Packed one to box.

Stock No. 10-64A712 List Price \$2.65



No. PBU-1. A sturdy single lamp infra-red fixture. Lamp has green-gray steel globe with a white reflector. Diameter is 10 1/2". Furnished complete to bolt on heavy steel safety guard and hangar bracket. The PBU-1 is equipped with special heavy duty porcelain socket designed for 250-watt infra-red brooder bulb. Furnished with heavy SJ U.L. approved cord and plug. Brooder fixture, without bulbs.

Stock No. 17-64A943 List Price \$4.25

INFRA-RED BROODER BULBS

No. 250-W—Standard white brooder bulb (soft glass) each Stock No. 04-64A68 List Price \$1.05

No. 250-LG—Supreme low-glare, reddish face brooder bulb (soft glass) Stock No. 07-64A651 List Price \$1.90

No. 250-H—Ruby Red stainless brooder bulb (hard glass). Stock No. 11-64A432 List Price \$2.85



No. C-100-1 and C-100-2 AUTOMATIC UNIFIED CONTROL SYSTEM

The nerve center of the Warner heating system, contained in one dustproof housing. Complete with Micro-switch, receptacles for pilot and attraction lights, cord, plug and water thermostat.

SPECIFICATIONS
No. C-100-1—For all single-unit brooders.
No. C-100-2—For all No. 500-D Warner Brooders.
Stock No. 56-64A8211 List Price \$13.75



No. 9-PC. EGG BASKET

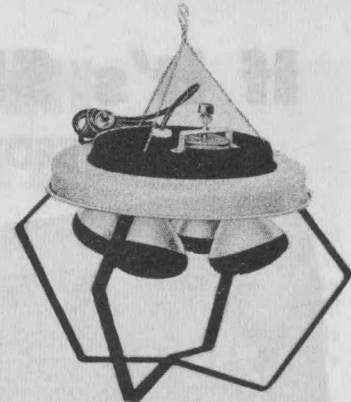
New plastic coated egg basket. Heavy wire construction. 32 side stays. Diameter 13 1/2" top, 9 1/2" (bottom), 10 1/2" (deep). Equipped with large handle . . . insures against handle catching when picked up. Handle falls slightly to outside top ring, helping to eliminate cracking outer ring of eggs. Plastic coating is bright red. Plastic is special formula that has the softness of rubber, yet is not affected by detergents used in egg washing. Coating will not crack, peel, stick to nor mark eggs.

SPECIFICATIONS
No. 9-PC—Plastic coated egg basket.

Basket capacity 15 doz.
Stock No. 16-64A233 List Price \$4.05



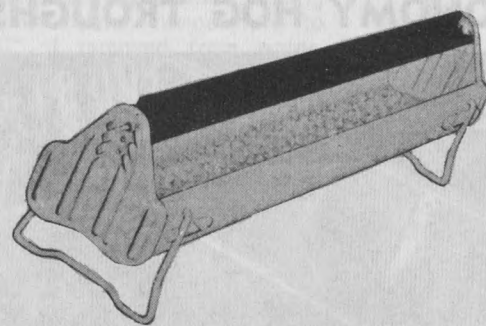
No. 250-LG



No. RT-711 RED-TOP INFRA-RED BROODER

The New Improved Warner RED TOP Infra-Red Brooder embodies many re-designed features, providing the ultimate in modern brooding equipment . . . combining beauty with utility.

Outstanding RED TOP features are:
LARGE 16 1/3" diameter reflector and top.
REFLECTOR extends over brooder bulbs, completely protecting bulbs from ceiling moisture dripping on hot bulbs causing them to explode.
HEAVY iron band guard provides complete bulb protection . . . keeps bulbs out of litter and assures maximum brooding safety.
HEAVY-DUTY 20 amp. switch actuates two bulbs.
EQUIPPED with six-foot SJ approved cord.
EQUIPPED with capped heavy-duty sockets.
EQUIPPED with three ten-inch chains.
COMPLETELY assembled when shipped. One to a carton, less brooder bulbs.
STURDILY built, safe, reliable, the RT-711 is priced to meet the keenest competition in Infra-Red Brooder Sales.
Stock No. 83-64A9661 List Price \$20.35



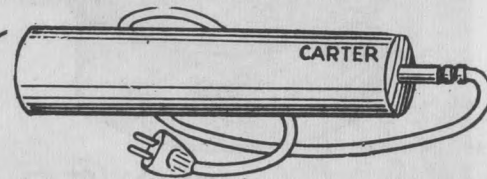
No. 33 & 34 DELUXE FEEDERS

A high performing feeder. A chick and growing feeder that is streamlined yet rugged in construction. All edges are rounded, capped and spot welded. No sharp corners. Turned double-flanges along trough edges are set at right angles to prevent feed waste. This feeder is designed to satisfy the most critical poultry raiser. The No. 33 and 34 Feeders are the most popular of all deluxe chick and growing feed troughs.

Warner swing-type leg, designed especially for the deluxe feed troughs is made of heavy 6-gauge galvanized steel wire. Provides long-life leg construction. Easily, but firmly adjusts into position for correct feeding height. Special embossing on the feeders, two inches in length, one-half inch wide, and three-thirty seconds inch deep, holds the legs firmly in any of the three positions. The feeders are adjustable to 2 1/8" (lowest position, 2 11/16 inches (medium position), and 3 1/2 inches (high position). The new swing-type stand is easily adjusted and eliminates bolts, nuts or clamps.

SPECIFICATIONS
No. 33—36" long, 4" wide, 2 1/8" deep. Feed Cap. 4 1/2 lbs.
No. 34—48" long, 4" wide, 2 1/8" deep. Feed Cap. 6 1/2 lbs.
Stock No. 08-64A271 List Price \$2.10
No. 33 Deluxe Feeder 10-64A502 \$2.50

POULTRY WATER WARMERS



These heaters are designed, and of such size and shape, as to lay submerged in the water in a poultry trough to prevent ice formation during freezing weather. A factory-set thermostat to 50° is built into the unit to cut the power off when the water reaches this temperature. The heater is complete with a 6 ft. cord.

Models Available
Stock No. List Price
M 101—100W, 115V 28-64A075 \$6.95
M 151—150W, 115V 29-64A685 \$7.15
M 251—250W, 115V 35-64A507 \$8.60

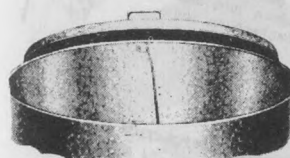


TURKEY FEEDERS

- Top**—Spun 1-piece 24-gauge steel
- Hopper Section**—24-ga. steel, top edge rolled, bottom edge flanged out over rain shield, diameter and height.
- Rain Shield**—6 sections, 20-ga. steel. Embossed for strength. Rain-proof.
- Hopper Base Section**—20-ga. steel. Constructed 6 riveted parts.
- Collar**—16-ga. steel with top edge rolled.
- Door Channel**—16-ga. steel channels for strength.
- Feed Regulator**—24-ga. steel. Even-flow adjusting throat.
- Skids**—Two skids and clevises furnished.

MODELS
NO. T-918
and T-928

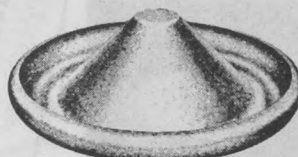
T918 392-65A0487 \$98.00 **T928** 507-65A44101 \$126.80



FEED PAN

Spun from one-piece 14-ga. galvanized steel.

| | T-918 | T-928 |
|--------------------|-----------|-----------|
| Diameter | 37" | 46" |
| Feed Space | 4"x4 1/2" | 4"x4 1/2" |
| Center Cone height | 11" | 15" |



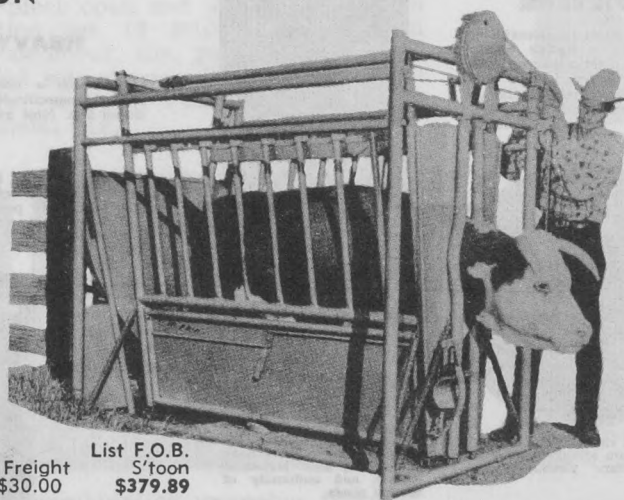
HINGED TOP

Rod-type link-hinge holds top in open position. No extra handling of top.



First Choice for SPEED and EASE OF OPERATION

HERE at last, is a chute that completely restrains any size animal from yearling heifer to the toughest range steer. Does it with absolute safety for both the animal and the operator. Enables you to handle your cattle faster, with less effort and greater security.



Stock Number 1469-65H19392 Factory List \$349.89 Freight \$30.00

List F.O.B. S'toon \$379.89

- A completely new and modern chute, scientifically engineered for greater speed and ease of operation.

- Perfected and proven in operation at leading cattle ranches throughout the West, including famous Milky Way and Suncrest Hereford Farms.

SIMPLIFIED "One Man" OPERATION

You don't need a crew around to handle a few head of cattle with a Farnam "One-Man" Stock Chute. One man easily catches, holds, treats and releases animals **without help**. On the other hand, if there are several hundred head to be handled, they can be handled in less time and with a smaller crew by using a Farnam "One-Man" Chute.

HOG FEEDERS



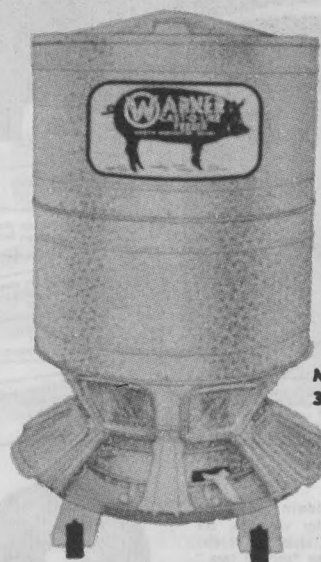
No. 704—4' Long, 8 doors Capacity 22 bu. (on 2' by 4' skids) 415-65A4038 \$103.80

No. 702—2' Long, 4 doors, capacity 11 bu. 251-65A6105 \$62.70

SPECIFICATIONS

No. 702—Hog feeder. Length 2'. Width (top of hopper) 21". Width (bottom of hopper) 42". Depth of hopper 41". Overall height 45". Capacity 11 bu. Two doors on each side. Shipped K.D. steel strapped. Weight approx. 106 lbs.

No. 704—Hog feeder, Length 4'. Width (top of hopper) 21". Width (bottom of hopper) 42". Depth of hopper 41". Overall height 45". Capacity 22 bu. Four doors on each side. Shipped K.D. steel strapped. Weight approx. 195 lbs.



Model 830
30 Bus. Capacity

SPECIFICATIONS

- 842**—8 door 42 bu. cap. Base & 3 sections 569-65A67311 \$142.20
- 830**—8 door 30 bu. cap. Base & 2 sections 525-65A40501 \$131.30
- 818**—8 door 18 bu. cap. Base & 1 section 482-65A0369 \$120.38
- 801**—Single Hopper Section 12 bu. cap. 44-65A278 \$10.90

ALL PRICES F.O.B. SASKATOON

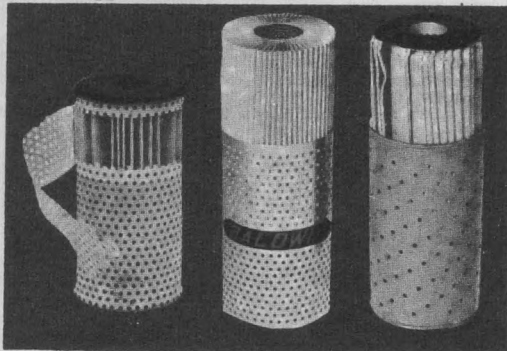
BALDWIN

World's
Finest

FILTERS

SEE YOUR
FAVORITE
DEALER

PRICES
COMPETITIVE
MOST CASES
LOWER



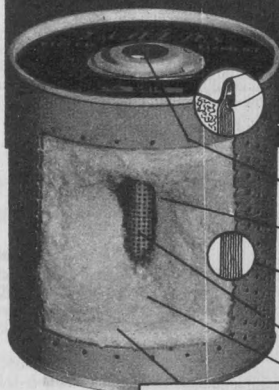
UNRETouched COMPARISON
of Baldwin Microlite Element with two original equipment
elements.



PF-902 PT-88 PA-601 B-1 P-25

TYPICAL ELEMENTS and FILTERS from the Baldwin Microlite line.

Genuine AUTOMATIC WOUND FILTER ELEMENTS



- Crimped edge locks cap to outer case.
- Permanent, built-in neoprene seal cannot get free, chip or split.
- Layers on layers of cotton clean progressively as oil passes through.
- Absorbent fiber case has dozens of layers of material, spiral wound for better filtration.
- Uniformly perforated full length, steel center tube, cloth wrapped for additional protection, allows even oil passage.
- Fine long cotton thread, evenly wound to controlled density, leaves no soft spots to give way and channel.
- Cross cross layers of pure cotton thread absorb all tiny impurities, neutralize acidity, condition the oil.

The original Baldwin automatic wound cotton filter elements are made for "depth" cleaning, as distinguished from the "surface type."

Here the oil passes through successive layers of scientifically wound absorbent cotton, which progressively clean as the oil passes through the element.

The uniformity and controlled density so essential to top quality filtering performance are always assured with filters automatically wound on special machines designed and patented by Baldwin.

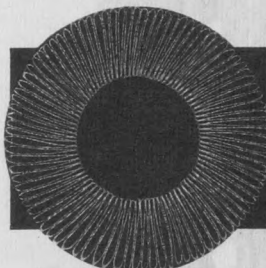


Open end view of element without cap. Larger, contaminative particles are captured in looser wound outer portion; small, minute particles are stopped near the more tightly wound center. Oil cannot by-pass over end.

BALDWIN MICROLITE

FILTER ELEMENTS AND FILTERS

Made of water repellent filter paper of greater basic strength, plastic impregnated and heat cured in our own factory; accurately pleated in a tight and uniform "petal-pattern" on automatic machines.



Open end view showing close and uniform arrangements of "petal-pattern" pleats.



Microlite filter paper partially withdrawn from body of filter to show horizontal grooves and uniformity of vertical pleats.

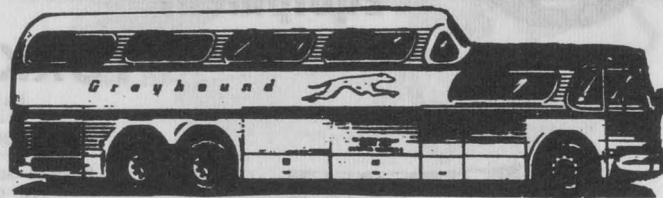
More and stronger filter paper in a Baldwin Microlite Filter than in competitive elements of similar size. Remains pliable; does not become brittle, soft or rupture during use.



Diagram (exaggerated) to show pleats and oil routes.

Endorsed by Leading Fleets

The Baldwin Company appreciates the privilege of endorsement by large and well known Fleet Operators such as Greyhound, pictured below, who can afford to make careful tests and use only the best and most efficient equipment.



Greyhound

THE GREYHOUND CORPORATION
140 South Dearborn Street - Chicago 1, Illinois
February 15, 1960

Mr. Ted G. Baldwin, Sales Manager
J. A. Baldwin Manufacturing Company
Air Base
Kearney, Nebraska

Dear Mr. Baldwin:

We have used Baldwin oil filters for many years and our experience with them has been very satisfactory. Our Engineering Department recommends we purchase filters of the highest quality...our equipment demands highest quality filters because of the high-speed, long-distance nature of the Greyhound service.

During the past year we have expanded our purchasing of Baldwin filters and have approved the Baldwin lube and fuel filter elements for increased applications in our motor coaches.

Very truly yours,

THE GREYHOUND CORPORATION

W. A. Duvall
Vice President
Equipment and Maintenance

New Improved VAC-CEL

HEAVY DUTY ELEMENTS

Made with a completely new material developed by Baldwin, specifically to filter heavy duty, high detergent diesel oils. Now available for many gas applications.

The new Vac-Cel has inherent rigidity and cohesiveness that absolutely prevents settling, collapsing or channeling.



Vac-Cel material is packed in elements at one stroke, under a pressure of three tons, resulting in complete uniformity throughout filter. Removes soft carbon, asphaltene and minute lead particles both by absorption and trapping, without affecting detergents regardless of particle size. Flows freely when oil is so cold it does not pass through conventional media. Doubly wrapped center tubes and precision seals completely eliminate migration of any foreign material into oil lines.



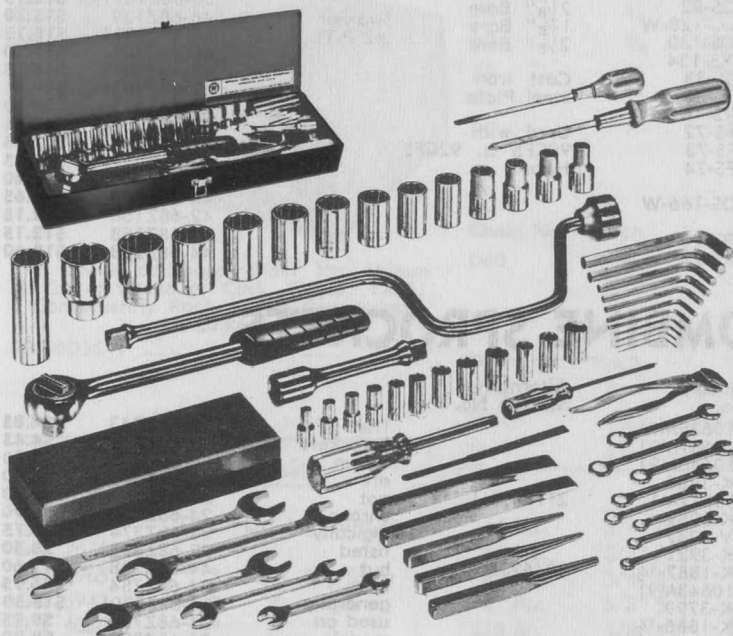
WRIGHT TOOLS

THE PROFESSIONAL
No. 446

66 Piece Set

The most complete and fully portable set obtainable anywhere for the professional or part-time mechanic. All popular sizes of sockets from $\frac{3}{16}$ " to $1\frac{1}{8}$ " are included along with other tools needed for the widest possible range of jobs. All sockets, handles and attachments are forged from alloy steel; other tools from carbon tool steel and chrome plated. Quality plus economy provide true value. And a best seller.

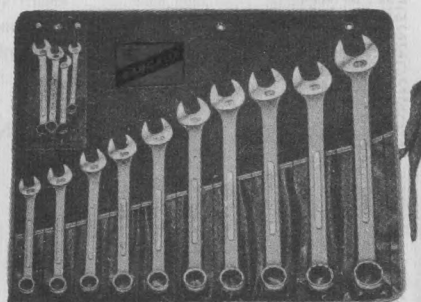
Stock No. 256-67Z0215 List \$64.00



$\frac{1}{4}$ " square drive parts: Nine 6-pt. sockets ($\frac{3}{16}$, $\frac{7}{32}$, $\frac{1}{4}$, $\frac{9}{32}$, $\frac{5}{16}$, $\frac{11}{32}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$); three Ten Point sockets ($\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$); spinner; #73 two-tone metal box.

$\frac{1}{2}$ " square drive parts: Thirteen 12-pt. sockets ($\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$, $\frac{11}{16}$, $\frac{3}{4}$, $\frac{13}{16}$, $\frac{7}{8}$, $\frac{15}{16}$, 1 , $1\frac{1}{16}$, $1\frac{1}{8}$); 12-pt. deep socket, $\frac{13}{16}$ "; 5" extension; speeder; #4400 reversible ratchet.

Miscellaneous tools: Five piece open end wrench set ($\frac{3}{16}$ to $\frac{3}{4}$ "); eleven piece ignition set (8 midjet combination wrenches $\frac{13}{64}$ to $\frac{7}{16}$ ", screwdriver, file, parrot-nose plier); five piece punch and chisel set; eleven piece Allen wrench set; one blade screwdriver; one #2 Phillips screwdriver; packed in #196 two-tone metal box.



PRC-14KL

A complete set of fourteen combination wrenches from $\frac{1}{4}$ " to $1\frac{1}{4}$ " in size. This set is designed to meet all major requirements of the professional mechanic, and is particularly popular with the farm mechanic.

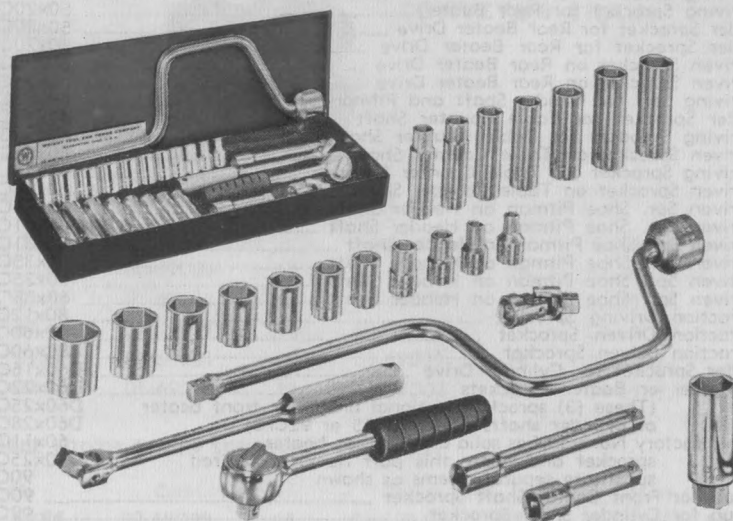
PRC-6P—6-PC. SET ($\frac{3}{8}$ " to $\frac{3}{4}$ ") in POUCH $\frac{3}{8}$ ", $\frac{7}{16}$ " $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ "—Stock No. 33-67Z676 \$8.45

PRC-11K—11-PC. SET ($\frac{3}{8}$ " to $1\frac{1}{4}$ ") in KIT ROLL— $\frac{3}{8}$ ", $\frac{7}{16}$ " $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ " $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ", 1 ".

Stock No. 91-67Z4281 \$22.80

PRC-14KL Illustrated—14-PC. SET ($\frac{3}{8}$ " to $1\frac{1}{4}$ ") in KIT ROLL— $\frac{3}{8}$ ", $\frac{7}{16}$ " $\frac{1}{2}$ ", $\frac{9}{16}$ " $\frac{5}{8}$ ", $\frac{11}{16}$ " $\frac{3}{4}$ ", $\frac{13}{16}$ " $\frac{7}{8}$ ", $\frac{15}{16}$ " 1 ", $1\frac{1}{16}$ " $1\frac{1}{8}$ " $1\frac{1}{4}$ "—Stock No. 140-67Z6182 \$35.20

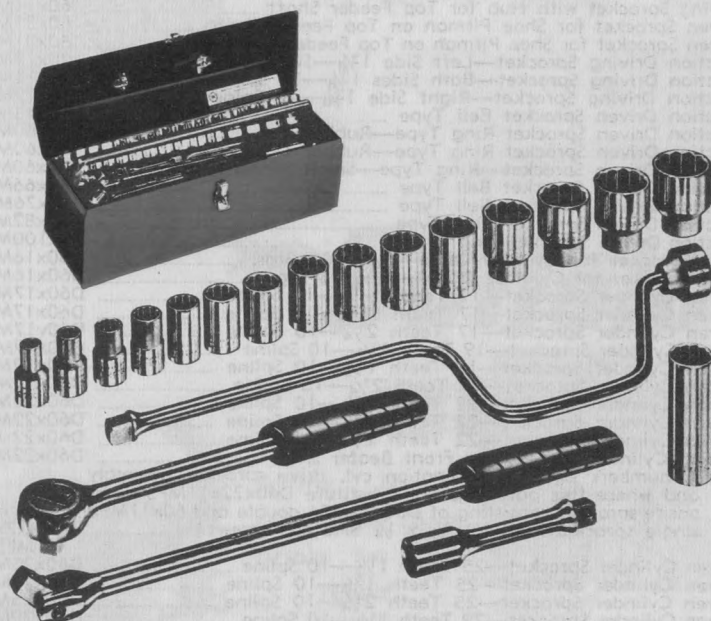
No. 326 (26pcs., $\frac{3}{8}$ " dr.)



Our most useful and complete $\frac{3}{8}$ " drive set. Eleven 6-pt. sockets, ($\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$, $\frac{11}{16}$, $\frac{3}{4}$, $\frac{13}{16}$, $\frac{7}{8}$ "); seven 6-pt. deep sockets ($\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$, $\frac{11}{16}$, $\frac{3}{4}$); 6-pt. special spark plug holding socket $\frac{13}{16}$ " with outside hex and rubber insert; two extensions (3, 5"); universal; speeder; flex handle; #3400 reversible ratchet; #155 two-tone metal box.

Stock No. 202-67Z2504 List \$50.65

No. 421 (21 pcs., $\frac{1}{2}$ " dr.)



One of Wright's most popular sets. Contains sockets for turning every popular size nut, a deep socket for spark plugs, the most used handles and attachments. Box with tote tray has extra room for spare tools. Fifteen 12-pt. sockets ($\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$, $\frac{11}{16}$, $\frac{3}{4}$, $\frac{13}{16}$, $\frac{7}{8}$, $\frac{15}{16}$, 1 , $1\frac{1}{16}$, $1\frac{1}{8}$, $\frac{13}{16}$, $1\frac{1}{4}$ "); 12-pt. deep socket $\frac{13}{16}$ "; 5" extension; speeder; 18" flex handle; #4400 reversible ratchet; #197 two-tone metal box with tote tray.

Stock No. 225-67Z6154 List \$56.45

COCKSHUTT COMBINE SPROCKETS

| Description | Sprocket Number | Cockshutt No. | Notes | Model Nos. | Stock No. | List |
|---|-----------------|---------------|---------------|------------|------------|---------|
| Driving Sprocket on Pick-up Unit | 40x15CF5 | URS-6 | | The | 11-68Z822 | \$3.25 |
| Idler Sprocket on Pick-up Unit | 40x15CF6 | URS-8 | | Sprockets | 11-68Z822 | \$3.25 |
| Driven Sprocket on Pick-up Unit | 40x40CF5 | UOS-17 | | shown | 30-68Z606 | \$8.65 |
| Driven Sprocket on Pick-up Unit | 40x50CF5 | UOS-73-W | | not | 28-68Z175 | \$8.15 |
| Driven Sprocket on Canvas Roller | 50x12CF5 | SO-177 | | chrono- | 20-68Z714 | \$5.95 |
| | | SO-137 | Sub SO-177 | logically | | |
| Driving Sprocket for Canvas Roller | 50x15CF6 | S-675 | | listed | 29-68Z885 | \$8.40 |
| Driving Sprocket for Rear Beater | 50x20CF5 | VFS-61 | | but | 22-68Z644 | \$6.35 |
| Idler Sprocket for Rear Beater Drive | 50x20CF6 | SOO-146 | | are | 19-68Z583 | \$5.50 |
| Idler Sprocket for Rear Beater Drive | 50x20CF7 | SGS-80 | | gener- | 17-68Z053 | \$5.00 |
| Driven Sprocket on Rear Beater Drive | 50x28CF5 | TFS-121 | | ally | 25-68Z105 | \$7.15 |
| Driven Sprocket on Rear Beater Drive | 50x34CF5 | SHS-4 | | used on | 40-68Z918 | \$11.70 |
| Driving Spr. for Header Shaft and Pitman Spr. | 60x11CF5 | TRS-88 | | Models | 15-68Z803 | \$4.40 |
| Idler Sprocket for Table Counter Shaft | 60x17CF5 | KOS-85 | | | 17-68Z343 | \$4.90 |
| Driving Sprocket for Table Counter Shaft | 60x24CF5 | HRS-47 | | | 32-68Z846 | \$9.25 |
| Driven Sprocket on Table Counter Shaft | 60x24CF6 | HRS-48 | | 112-SP | 32-68Z556 | \$9.35 |
| Driving Sprocket for Table Counter Shaft | 60x24CF7 | KFS-30 or 50 | | 115-SP | 16-68Z623 | \$4.65 |
| Driven Sprocket on Table Counter Shaft | 60x24CF8 | HRS-56 or 57 | | 132-SP | 32-68Z556 | \$9.35 |
| Driven Spr. Shoe Pitman on Header Shaft | 60x31CF5 | KOS-57 | 2 1/8" Bore | 137-SP | 52-68Z0401 | \$14.85 |
| Driven Spr. Shoe Pitman on Header Shaft | 60x31CF6 | KOS-127-W | 1 7/8" Bore | 427-SP | 47-68Z659 | \$13.65 |
| Driven Spr. Shoe Pitman on Header Shaft | 60x31CF7 | KOS-129 | 2 1/8" Bore | 428-SP | 37-68Z947 | \$10.70 |
| Driven Spr. Shoe Pitman on Header Shaft | 60x35CF5 | KOS-92 | 2 1/8" Bore | | 56-68Z1311 | \$16.15 |
| Driven Spr. Shoe Pitman on Header Shaft | 60x35CF6 | KOS-128-W | 1 7/8" Bore | Swather | 46-68Z139 | \$13.30 |
| Driven Spr. Shoe Pitman on Header Shaft | 60x35CF7 | KOS-130 | 2 1/8" Bore | #2 P.T. | 56-68Z1311 | \$16.15 |
| Traction Driving Sprocket | 80x12CF5 | AXS-134 | | | 40-68Z508 | \$11.50 |
| Traction Driven Sprocket | 80x60CF5 | FGS-33 | Cast Iron | | 46-68Z1311 | \$16.15 |
| Traction Driven Sprocket | 80x60CF6 | FGS-33 | Steel Plate | | 69-68Z3831 | \$19.75 |
| Idler Sprocket for Cylinder Drive | D60x16CF5 | TRS-45 | | | 28-68Z475 | \$8.20 |
| Cylinder or Beater Sprockets | D60x22CF5 | TFS-72 | Used with | | 39-68Z187 | \$11.15 |
| (These 3) sprockets optional on either front beater | D60x25CF5 | TFS-73 | 90CF5 + 92CF5 | | 44-68Z688 | \$12.65 |
| or cylinder shafts using 90CF5 or 92CF5) | D60x28CF5 | TFS-74 | Hubs | | 62-68Z0521 | \$17.85 |
| This factory No. signifies solid combination beater | 60x11CF4 | | | | 15-68Z803 | \$4.40 |
| sprocket and where this part number required | D60x25CF5 | TOS-166-W | | | 44-68Z688 | \$12.65 |
| substitute separate items as shown | 90CF5 | | | | 42-68Z158 | \$12.15 |
| Hub for Front Beater Shaft Sprocket | 90CF5 | TRS-90 | | | 42-68Z158 | \$12.15 |
| Hub for Cylinder Shaft Sprocket | 92CF5 | TRS-92 | | | 44-68Z288 | \$12.60 |

MASSEY-FERGUSON COMBINE SPROCKETS

| Description | Massey No. | Alternative Massey No. | The Sprockets shown are not chrono-logically listed but are generally used on models | Model Nos. | Stock No. | List |
|---|-----------------------|------------------------|--|------------|-------------|---------|
| Driving Sprocket for Table Auger | 50x12MF6 | 210638M91 | | | 17-68Z043 | \$4.85 |
| Driving Sprocket for Table Auger | 50x14MF5 | 210639M91 | | | 15-68Z213 | \$4.45 |
| Driving Sprocket for Table Auger | 50x16MF5 | 210640M91 | | | 20-68Z314 | \$5.90 |
| Driving Sprocket for Table Auger | 50x19MF5 | GK-3958 | | | 18-68Z873 | \$5.40 |
| Driving Sprocket for Table Counter Shaft | 50x23MF5 | 208272M1 | 211849M1 | | 23-68Z964 | \$6.70 |
| Driving Sprocket for Table Auger | 50x23MF6 | GK-3959 | | | 24-68Z384 | \$6.90 |
| Driving Sprocket for Pick-up on Models 26 + 27 S.P. | 50x24MF5 | DV-3247 | | | 23-68Z374 | \$6.75 |
| Driving Sprocket for Table Auger | 50x27MF5 | GK-3921 | | | 29-68Z595 | \$8.50 |
| Driven Sprocket on Table Counter Shaft | 50x27MF6 | GK-1887-1/2 | 204623M11 | | 44-68Z288 | \$12.60 |
| | | 210643M91 | | | 24-68Z784 | \$6.95 |
| Driving Sprocket for Table Counter Shaft | 50x31MF5 | GK-3799 | | | 54-68Z5801 | \$15.50 |
| Driving Sprocket for Elevator | 50x33MF6 | GK-1886-1/2 | | | 34-68Z796 | \$9.95 |
| Driven Sprocket on Table Auger | 50x38MF5 | GK-3330 | | | 34-68Z396 | \$9.90 |
| Driven Sprocket for Pick-up on Models 26 + 27 S.P. | 50x61MF5 | GL-164 | | | 41-68Z338 | \$11.90 |
| Driving Sprocket with Hub for Top Feeder Shaft | 60x11MF5 | 216270M2 | | | 59-68Z0911 | \$17.00 |
| Driving Sprocket for Shoe Pitman on Top Feeder Shaft | 60x31MF5 | GK-2548-1/2 | 211471M31 | 21-SP | 59-68Z0911 | \$17.00 |
| Driven Sprocket for Shoe Pitman on Top Feeder Shaft | 60x31MF6 | GK-1812-1/2 | | 21A-SP | 37-68Z657 | \$10.80 |
| Traction Driving Sprocket—Left Side 1 3/8—10 Spline | 80x12MF5 | GK-1333 | | 26-SP | 59-68Z3811 | \$16.90 |
| Traction Driving Sprocket—Both Sides 1 3/8—10 Spline | 80x12MF6 | 203039M1 | | 27-SP | 40-68Z218 | \$11.60 |
| Traction Driving Sprocket—Right Side 1 3/8—10 Spline | 80x12MF7 | 202698M1 | | 60-SP | 49-68Z899 | \$14.25 |
| Traction Driven Sprocket Bell Type | 80x48MF5 | 202922M3 | Steel | 60-PT | 64-68Z5921 | \$18.50 |
| Traction Driven Sprocket Ring Type—Rubber Tire | 80x60MF5 | GK-310 | Steel | 80-SP | 64-68Z5921 | \$18.50 |
| Traction Driven Sprocket Ring Type—Rubber Tire | 80x60MF6 | 210200M1 | Steel | 90-SP | 68-68Z7613 | \$45.25 |
| Traction Driven Sprocket—Ring Type—Small Wheel | 80x60MF6 | GK3468 | Steel | 72-PT | 104-68Z3802 | \$29.75 |
| Traction Driven Sprocket Bell Type | 80x66MF5 | 202845M3 | Steel | 72-SP | 69-68Z5813 | \$45.50 |
| Traction Driven Sprocket Bell Type | 80x76MF5 | 201915M2 | Steel | 82-SP | 65-68Z5113 | \$44.50 |
| Traction Driven Sprocket Ring Type | 80x82MF5 | 203834M1 | Steel | 92-SP | 301-68Z0206 | \$86.00 |
| Traction Driven Sprocket Ring Type | 80x100MF5 | 201916M2 | Steel | 92-Super | 51-68Z3301 | \$14.75 |
| Idler Sprocket for Cylinder Drive—(2) 6205 Brgs. | D60x16MF5 | 203356M1-2 | | | 52-68Z3401 | \$14.90 |
| Idler Sprocket for Cylinder Drive—(1) 6205 Brg. | D60x16MF9 | GK-2420 | | | 63-68Z8721 | \$18.25 |
| Driven Cylinder Sprocket—17 Teeth 1 1/2—10 Spline | D60x17MF5 | 213498M1 | 203392M91-2 | | 63-68Z8721 | \$18.25 |
| Driven Cylinder Sprocket—17 Teeth 1 3/8—10 Spline | D60x17MF8 | 202784M91 | | | 71-68Z5341 | \$20.50 |
| Driven Cylinder Sprocket—17 Teeth 2 1/4—10 Spline | D60v17MF9 | GK-3727-1/2 | | | 71-68Z5341 | \$20.50 |
| Driven Cylinder Sprocket—19 Teeth 1 1/2—10 Spline | D60x19MF5 | 213499M1 | 203393M91-2 | | 71-68Z5341 | \$20.50 |
| Driven Cylinder Sprocket—19 Teeth 1 3/8—10 Spline | D60x19MF8 | 202785M91 | | | 78-68Z5751 | \$22.50 |
| Driven Cylinder Sprocket—19 Teeth 2 1/4—10 Spline | D60x19MF9 | GK-2412 | | | 78-68Z5751 | \$22.50 |
| Driven Cylinder Sprocket—22 Teeth 1 1/2—10 Spline | D60x22MF5 | 213500M1 | 203394M91-2 | | 78-68Z5751 | \$22.50 |
| Driven Cylinder Sprocket—22 Teeth 1 3/8—10 Spline | D60x22MF8 | 202786M91 | | | 41-68Z328 | \$11.75 |
| Driven Cylinder Sprocket—22 Teeth 2 1/4—10 Spline | D60x22MF9 | GK-2413 | | | | |
| Driving Cylinder Sprocket on Front Beater Shaft | D60x22MF6 | 216269M2 | | | | |
| (These numbers signify combination cyl. drive sprocket assembly and where this part required substitute D60x22x11MF5 composite sprocket consisting of D60x22MF6 double and 60x11MF5 single sprocket with (6) 3/8 x 1/4 SAE cap screws.) | D60x22x11 MF5 | 216270M21 | 213503M11 | | 83-68Z3761 | \$23.90 |
| | | 206835M91 | 202829M93 | | | |
| | | GK2409-1/2 | Obsolete | | | |
| Driven Cylinder Sprocket—25 Teeth 1 1/2—10 Spline | D60x25MF5 | 213501M1 | 203395M91-2 | | 83-68Z3661 | \$23.75 |
| Driven Cylinder Sprocket—25 Teeth 1 3/8—10 Spline | D60x25MF8 | 202787M91 | | | 83-68Z3661 | \$23.75 |
| Driven Cylinder Sprocket—25 Teeth 2 1/4—10 Spline | D60x25MF9 | GK-2414 | | | 83-68Z3661 | \$23.75 |
| Driven Cylinder Sprocket—29 Teeth 1 1/2—10 Spline | D60x29MF5 | 213502M1 | 203396M91-2 | | 95-68Z8091 | \$27.25 |
| Driven Cylinder Sprocket—29 Teeth 1 3/8—10 Spline | D60x29MF8 | 202788M91 | | | 95-68Z8091 | \$27.25 |
| Driven Cylinder Sprocket—29 Teeth 2 1/4—10 Spline | D60x29MF9 | 210305M1 | GK-285 | | 95-68Z8091 | \$27.25 |
| Driven Cylinder Sprocket—34 Teeth—Bolt on type | D60x34MF7 | 216923M1 | 210201M1-2 | | 50-68Z5101 | \$14.50 |
| Driven All | 34 Teeth—Bolt on type | GK-194 | | | 50-68Z5101 | \$14.50 |
| Driven These | 43 Teeth—Bolt on type | 216924M1 | 210202M1-2 | | 75-68Z5051 | \$21.50 |
| Driven Sprockets | 43 Teeth—Bolt on type | GK-197 | | | 75-68Z5051 | \$21.50 |
| Driven Use | 52 Teeth—Bolt on type | 216925M1 | 210303M1-2 | | 89-68Z5871 | \$25.50 |
| Driven Hub | 52 Teeth—Bolt on type | GK-198 | | | 89-68Z5871 | \$25.50 |
| Driven #216959MF5 | 62 Teeth—Bolt on type | 216926M1 | 210304M1-2 | | 97-68Z3491 | \$27.75 |
| Driven Cylinder Sprocket—62 Teeth—Bolt on type | D60x62MF7 | GK-199 | | | 97-68Z3491 | \$27.75 |
| Hub for Cylinder Sprockets 34 to 62 T 1 1/2—10 Spline | 216919MF5 | 216919M91 | 203487M11 | | 48-68Z369 | \$13.75 |
| Hub for Cylinder Sprockets 34 to 62 T 1 3/8—10 Spline | 203488MF5 | 203488M11 | | | 48-68Z369 | \$13.75 |
| Hub for Cylinder Sprockets 34 to 62 T 2 1/4—10 Spline | 2765MF5 | GK-2765 | | | 29-68Z595 | \$8.50 |
| Sleeve Spacer for use with D60x22MF6 Cyl. Driving Sprocket and with 1 1/2—10 Spline Driven Cylinder Sprockets | 213497MF5 | 213497M2 | | | 03-68Z06 | .85 |

ROLLER CHAIN



SINGLE STRAND — RIVETED



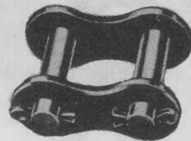
DOUBLE STRAND COTTERED



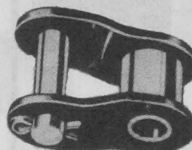
EXTENDED PITCH
CONVEYOR CHAIN



ROLLER LINK



COTTER PIN CONNECTING LINK



OFFSET LINK



SPRING CLIP CONNECTING LINK



The above packaged chain fits Massey GK-2674, GK-2676; Cock TXS46, TXS61. Conveniently Packed with Connecting Links.

73-69D3641 \$19.50

| Chain No. | Pitch | Price per ft. | Conn. Link | Roller Link | Offset Link |
|-----------|-------|------------------|--------------|--------------|-----------------|
| 35 | 3/8 | 03-69D46 .85 | 00-69D01 .13 | 00-69D80 .10 | 01-69D32 .30 |
| 40 | 1/2 | 04-69D68 \$1.15 | 00-69D11 .14 | 00-69D80 .10 | 02-69D03 .40 |
| 50 | 5/8 | 05-69D501 \$1.40 | 00-69D21 .16 | 00-69D90 .12 | 02-69D53 .46 |
| 60 | 3/4 | 07-69D531 \$1.80 | 00-69D51 .20 | 00-69D21 .16 | 02-69D44 .58 |
| 80 | 1 | 11-69D222 \$2.96 | 01-69D42 .32 | 02-69D03 .40 | 04-69D57 \$1.00 |

SINGLE WIDTH CHAIN SUGGESTED PRICE LIST

| Chain No. | Pitch | Price per ft. | Conn. Link | Roller Link | Offset Link |
|-----------|-------|------------------|--------------|--------------|-----------------|
| D60 | 3/4 | 18-69D363 \$4.84 | 02-69D33 .44 | 01-69D42 .32 | 05-69D69 \$1.28 |

DOUBLE WIDTH CHAIN SUGGESTED PRICE LIST

| Chain No. | Pitch | Price per ft. | Conn. Link | Roller Link | Offset Link |
|-----------|-------|------------------|--------------|--------------|--------------|
| 2040 | 1 | 04-69D68 \$1.15 | 00-69D51 .20 | 00-69D21 .15 | 02-69D83 .50 |
| 2050 | 1 1/4 | 05-69D501 \$1.40 | 01-69D91 .25 | 00-69D51 .20 | 02-69D54 .60 |
| 2060 | 1 1/2 | 07-69D531 \$1.80 | 01-69D62 .35 | 01-69D32 .30 | 03-69D06 .80 |

EXTENDED PITCH CHAIN SUGGESTED PRICE LIST

MASSEY - HARRIS Self Propelled

| | | | |
|-----------|------------------------|----------|--------|
| GK 2674 | Chain Driving Cylinder | 64 lks. | 3/4" D |
| GK 2676 | " " | 66 lks. | 3/4" D |
| GK 2965 | " " Top Shaft | 40 lks. | 3/4" S |
| GK 3942 | " " Auger | 121 lks. | 5/8" S |
| GK 4038 | " " " | 218 lks. | 5/8" S |
| GK 1344 | " " Wheels | 68 lks. | 1" S |
| 204419 MI | " " " | 98 lks. | 1" S |
| 205255 MI | " " Shaft | 198 lks. | 5/8" S |
| 211973 MI | " " Knife | 113 lks. | 5/8" S |

CASE PULL TYPE

| | | | |
|----------|-----------------------|----------|--------|
| 01371 CS | Chain Driving Pick-up | 144 lks. | 5/8" S |
| 01021 CS | " " Conveyor | 88 lks. | 5/8" S |
| 01879 CS | " " Cylinder | 112 lks. | 3/4" S |

I.H.C. Self Propelled

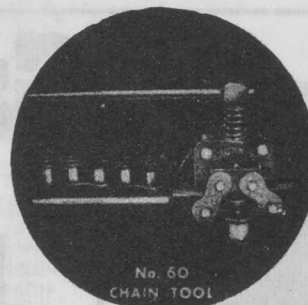
| | | |
|------------------------|----------|-------|
| Chain Driving Cylinder | 122 lks. | 5/8 D |
| " " Feeder | 150 lks. | 3/4 S |
| " " Unloader | 158 lks. | 1/2"S |

JOHN DEERE

| | | | |
|------------|------------------------|----------|--------|
| AP 17644 H | Chain Driving Cylinder | 81 lks. | 3/4" D |
| AP 17995 H | " " " | 83 lks. | 3/4" D |
| AP 18352 H | " " " | 84 lks. | 3/4" D |
| AP 17993 H | " " " | 86 lks. | 3/4" D |
| AP 17994 H | " " " | 69 lks. | 3/4" D |
| AP 17996 H | " " " | 74 lks. | 3/4" D |
| AP 17992 H | " " " | 78 lks. | 3/4" D |
| AP 18351 H | Drive Chain | 154 lks. | 3/4" S |
| AP 19770 H | " " | 120 lks. | 3/4" S |
| AP 17642 H | " " | 163 lks. | 5/8" S |

COCKSHUT or CO-OP Self Propelled

| | | | |
|--------|------------------------|----------|--------|
| TX S46 | Chain Driving Cylinder | 62 lks. | 3/4" D |
| TX S61 | " " " | 64 lks. | 3/4" D |
| FX S19 | " " Wheels | 70 lks. | 1" S |
| HX S80 | Chain Drive | 110 lks. | 3/4" S |
| HX S83 | " " | 41 lks. | 3/4" S |



No. 60
CHAIN TOOL

| | | |
|-------------------|------------|---------|
| No. 60 Chain Tool | 29-69D875 | \$7.70 |
| Extra Punch Pins | 02-69D83 | .50 |
| No. 80 Chain Tool | 62-69D8421 | \$15.60 |
| Extra Punch Pins | 06-69D821 | \$1.60 |

Buffalo



Spring tension grips roller chain firmly for easy repair.

Rugged and dependable, the new Buffalo All Chain Detacher will give you years of trouble-free service. Light in weight (only 3 1/2 pounds) and compact, the unit can be carried in almost any tool box... always ready when you need it. Why fight unwieldy chain repairs; BUFFALO makes a tough job easy. AC 110 Stock No. 24-69D884

\$6.50

... like having an
extra HAND!



52-70Z0501 \$12.50

1/4"-12' Cable 242-70Z0384 \$57.50

3/16"-24' Cable 250-70Z8994 \$59.50

SNATCH BLOCK AVAILABLE
FOR SPECIAL USES

**GIANT
HAND**

**WINCH
AND
HOIST**

H.H.H.

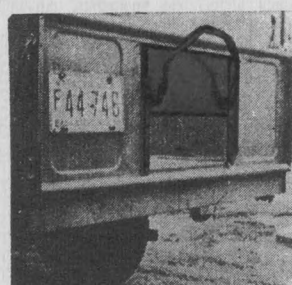
**TRIPLE
SPUR
GEARED
CHAIN
BLOCK**



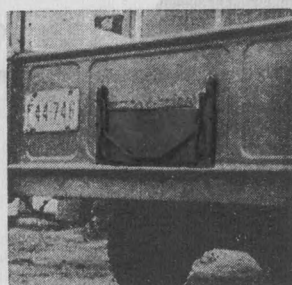
H.H.H. Triple Spur-Geared Chain Block. A lightweight, portable hoist with up to 95% efficiency. Capacities 1/2 to 2 tons.

SPECIFICATIONS

| Capacity Tons | Min. Distance Between Hooks | Chain Pull to Lift Full Load | Test Load Tons | Net Weight | |
|------------------|--------------------------------------|------------------------------------|-------------------|---------------|---------------------------|
| 1/2 | 12" | 49 lbs. | 3/4 | 32 lbs. | 260-70Z6915 ... \$64.95 |
| 1 | 13 3/4" | 53 lbs. | 1 1/2 | 42 lbs. | 318-70Z0636 ... \$79.50 |
| 2 | 20" | 77 lbs. | 3 | 81 lbs. | 503-70Z06001 ... \$125.75 |



OPEN



CLOSED

KIRWAN NEW PATENTED Truck End-Gate

is the answer to a problem that all farmers and elevator agents have long been looking for.

**FEATURES THAT MAKE THIS END-GATE A REAL NECESSITY
AND A SOUND INVESTMENT**

1. Adaptable to any make or model of steel or wood truck box.
2. Simply cut out hole and bolt on.
3. Install on present tail gate or side of box, or combination of both.
4. Ideal for dumping into hoppers or in grain elevators.
5. Regulated flow, no wasteful spilling, a big time saver.
6. Sturdy metal construction. Electric welding.
7. Stays in any desired position — Self-locking when closed.
8. Neat looking, low in cost.
9. Made in 3 sizes to fit 1/2 to 3 ton trucks.

Can also be used on grain bins, etc.

INSTALLED IN A FEW MINUTES

| | | |
|--|-----------|---------|
| No. 2 Size 8" x 19" Fits Large Trucks | 40-70Z008 | \$10.00 |
| No. 3 Size 8" x 17" Fits 1/2 to 1 Ton Trucks | 39-70Z087 | \$9.75 |
| No. 4 Size 8" x 15" Fits 1/2 to 1 Ton Trucks | 38-70Z067 | \$9.50 |

Garber POWER SEEDERS.
P.T.O. Seeders

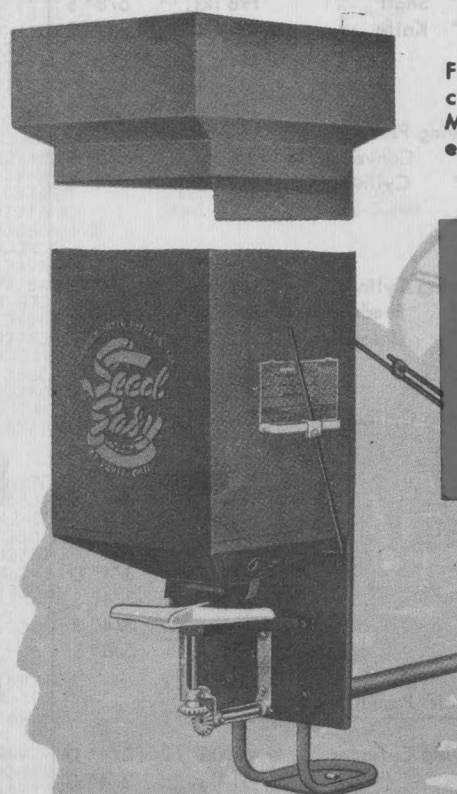
**Auxiliary
Hopper**

For increasing capacity of any Model G-3 Seeder to 5 bushels.

43-70A258
\$10.65

**No. G-3
3 bushel
capacity
P.T.O.**

Also G-1B
26 qt. capacity
available



276-70A0255
\$69.00

An agitator and vibrating gate—which assures a steady, even seed flow on distributing fan—is furnished on all P.T.O. models.



TRACTOR HORSEPOWER INCREASED

WITH



ARROW HEAD

CYLINDER ASSEMBLIES



— FEATURES —

Aluminum pistons in "EXTRA POWER" conversion cylinder assemblies are finished with cam and taper grinding, and other features borrowed from heavy diesels, such as modern pin fitting and locking. Four-ring type, including two oil rings on numbers that need extra oil control, one with inner spring for longer efficiency except on sizes over 4 1/2" and diesels. All rings and combinations are common to popular sets already stocked, no "odds" to bother later. All parts are size graded and matched, no machining necessary. Top ring has chrome face. All rings are designed, engineered and produced by our Burd Piston Ring Division. Wet type sleeves are not just small bore with increased diameter and thin walls, they are engineered with increased outside diameter and correct wall thickness for proper dissipation of heat. No spun castings from commercial foundries.

— BECAUSE —

Modern engineering gives them extra power for old tractor engines by rebuilding with cylinder assemblies having increase in diameter, lightweight aluminum pistons, and higher compression ratio to go with today's better fuels and lube oils.

— NEW TRACTOR EFFICIENCY —

For some time, most tractor rebuilds have been done with Superior-Arrow-head "extra power" conversion sleeve assemblies. Have yours done now.

— INCREASED POWER AND EFFICIENCY —

means less overload and engine strain, more work done easier and faster. Late model tractors have increased cylinder diameters, too.

CONDENSED LISTING FOR SUPERIOR-ARROWHEAD "EXTRA POWER" TRACTOR CONVERSION CYLINDER ASSEMBLIES

For general cylinder assembly listings,

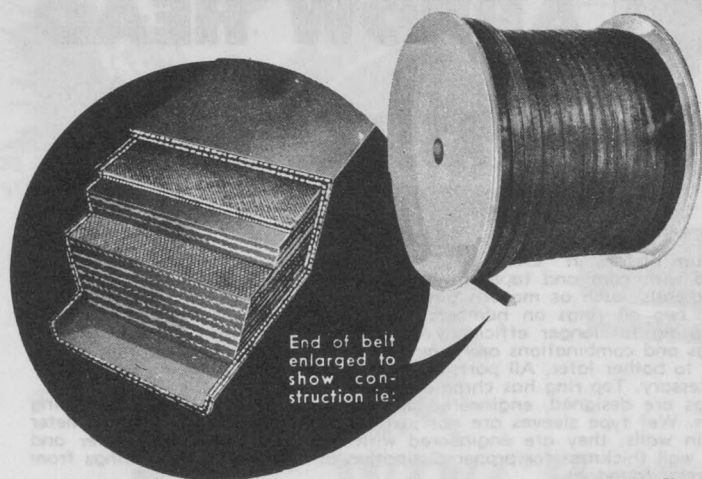
| Model Series | Std. Size Bore | | Bore Size | Stock No. | List |
|--|----------------|----------|-----------|--------------|----------|
| ALLIS-CHALMERS | | | | | |
| B, C Series | 3 1/8 | G70AHCH | 3 3/8 | 251-71Z2205 | \$61.96 |
| WD45D Diesel | 3 7/18 | G258CH | 3 1/2 | 438-71Z1678 | \$110.13 |
| W Series (4" stroke) | 4 | G227HCH | 4 1/8 | 358-71Z9717 | \$90.72 |
| WD Series (4 1/2" stroke) | 4 | G227CH | 4 1/8 | 358-71Z9717 | \$90.72 |
| CASE | | | | | |
| VA Series | 3 1/4 | G223HCH | 3 3/8 | 296-71Z8395 | \$75.11 |
| S Series | 3 1/2 | G217CHC | 3 5/8 | 303-71Z6706 | \$75.11 |
| C, D; 2 1/2 comp. dist. | 3 7/8 | G203CH | 4 | 340-71Z5086 | \$85.82 |
| C, D; 2 3/8 comp. dist. | 3 7/8 | G203HCH | 4 | 340-71Z5086 | \$85.82 |
| 400 series, gasoline | 4 | G270CH | 4 1/8 | 496-71Z3299 | \$125.95 |
| 400 Series, Diesels (Set 4) | 4 5/8 | G263CH | 4 1/8 | 574-71Z89411 | \$145.31 |
| L; 2 9/16 comp. dist. | 4 5/8 | G222CH | 4 3/4 | 500-71Z91001 | \$126.60 |
| L; 2 15/16 comp. dist. | 4 5/8 | G222HCH | 4 3/4 | 500-71Z91001 | \$126.60 |
| COCKSHUTT, CO-OP. AND GAMBLE | | | | | |
| 30(4); (40)6 | 3 7/16 | G239CH | 3 1/2 (4) | 378-71Z7757 | \$93.40 |
| | | | (6) | 568-71Z56311 | \$140.10 |
| D30, D40 Diesels | 3 7/16 | G258CH | 3 1/2 (4) | 434-71Z3868 | \$110.13 |
| | | | (6) | 651-71Z42031 | \$165.19 |
| FERGUSON | | | | | |
| 20 | 3 3/16 | G219HCH | 3 1/4 | 254-71Z1905 | \$66.66 |
| 30, 35, 40 | 3 3/16 | G243HCH | 3 3/8 | 282-71Z6565 | \$71.11 |
| FORD, FORD-FERGUSON | | | | | |
| 2N, 9N Replaces steel sleeve | | G216CH | 3 3/16 | 180-71Z3163 | \$47.92 |
| 8N (Dup. Ford 8N6055B) | | G190CH | 3 3/16 | 180-71Z2163 | \$48.04 |
| 8N after Eng. 433578 | 3 7/16 | G260CH | 3.270 | 215-71Z6134 | \$54.84 |
| NAA, NAB | 3 7/16 | G299CH | 3 1/2 | 261-71Z0325 | \$66.21 |
| INTERNATIONAL (IH) | | | | | |
| A, B, C; 1 3/4" C. D., flat-head | 3 | G232HCH | 3 1/8 | 266-71Z6235 | \$67.32 |
| A, B, C; 7/32" step-head | 3 | G232ECH | 3 1/8 | 275-71Z3155 | \$69.75 |
| Super A, U2A gasoline | 3 | G206HCH | 3 1/8 | 269-71Z5935 | \$68.19 |
| "Super" A, U2A gas | 3 | G206ECH | 3 1/8 | 269-71Z5935 | \$68.19 |
| "Super" C, 100, U123 | 3 1/8 | G275HCH | 3 1/4 | 308-71Z2716 | \$74.00 |
| H; 2 1/2" C. D. flat-head | 3 3/8 | G202HCH | 3 7/16 | 300-71Z7006 | \$75.56 |
| H; 7/32" step-head | 3 3/8 | G202ECH | 3 7/16 | 300-71Z7006 | \$75.56 |
| "Super" H, W4, U164, gasoline | 3 1/2 | G274HCH | 3 9/16 | 321-71Z7246 | \$81.37 |
| Same — Gas | 3 1/2 | | 3 9/16 | 321-71Z7246 | \$81.37 |
| F-20; HC | 3 3/4 | G241HC | 3 7/8 | 348-71Z0796 | \$88.04 |
| F-20; 8000' | 3 3/4 | G241ECH | 3 7/8 | 348-71Z0796 | \$88.04 |
| M; 3 1/8" C. D. flat-head | 3 7/8 | G194HCH | 4 | 356-71Z5317 | \$90.06 |
| M; 5/16" step-head | 3 7/8 | G194ECH | 4 | 356-71Z5317 | \$90.06 |
| "Super" M, 400, U264 gasoline | 4 | G271HCH | 4 1/8 | 392-71Z9587 | \$99.17 |
| MD, WD6, TD6 | 3 7/8 | G229CH | 4 | 678-71Z56531 | \$171.19 |
| Super WD Diesel | 4 | G306CH | 4 1/8 | 714-71Z09241 | \$194.79 |
| W9, T9, 1/8 step-head | 4.4 | G228HCH | 4 1/2 | 465-72Z6139 | \$117.67 |
| W9, T9, 1/4 step-head | 4.4 | G228ECH | 4 1/2 | 497-71Z9499 | \$125.70 |
| WD9, TD9, UD9 | 4.4 | G251CH | 4 1/2 | 682-71Z85631 | \$198.38 |
| WD9A, TD9A, UD9A | 4.4 | G252CH | 4 1/2 | 682-71Z85631 | \$198.38 |
| MASSEY-HARRIS | | | | | |
| 50 | 3 5/16 | G243HCH | 3 3/8 | 279-71Z2855 | \$71.11 |
| 44 | 3 7/8 | | 4 | 377-71Z5557 | \$95.83 |
| 44D Diesel | 3 7/8 | G253CH | 4 | 468-71Z2739 | \$118.12 |
| OLIVER | | | | | |
| 70 | 3 1/8 | G288HCH | 3 1/4 | 261-71Z0325 | \$67.98 |
| 66(4); 77(6) | 3 5/16 | G226AHCH | 3 1/2 (4) | 321-71Z7246 | \$85.57 |
| 88HC, 88D (Reg. for "Super") | 3 1/2 | G225AHCH | 3 3/4 (6) | 482-71Z1469 | \$128.36 |
| | | | | 538-71Z76701 | \$143.07 |
| JOHN DEERE | | | | | |
| Model G, 70 (6.5 to 1 Ratio) RKA1241 Gasoline 1947-57 6 1/8" | | | | 291-71Z1385 | \$75.56 |

Pistons and Rings Available Finished to Std., .045, .090, .125

ARROW HEAD ARE SUPPLIERS OF MOST ORIGINAL PISTONS AND SLEEVES

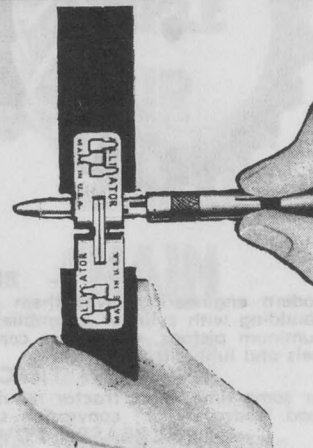
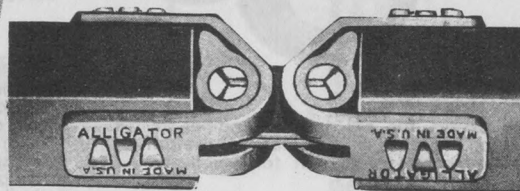
ALL PRICES F.O.B. SASKATOON

ALLIGATOR V BELT FASTENERS



End of belt enlarged to show construction ie:

... THE FASTENERS



MEASURING BELT LENGTH

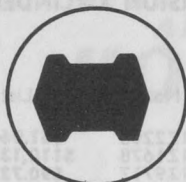
The flat length of the belt and pitch or neutral axis length when in place on the drive are the same. The outside of a belt stretches when it goes around a pulley; the inside contracts. The pitch or neutral axis length remains unchanged.

To obtain the flat length, first measure the outside of the complete drive, pulling the tape tight enough to eliminate any sagging. Second, subtract the following amount from the determined length: B—1¼"; C—1¾"; D—2". This will give the flat (neutral axis) length of the belt. Third, subtract the following amount for the fastener: B—¾"; C—1".



CONVENTIONAL "V" TYPE

Made in A, B, C, D, and E cross sections.



DOUBLE "V" TYPE

Made only in "BB" cross section.

SB2—Display Unit 116-72Z2332 \$29.15

DD1—Display Unit 535-72Z00701 \$133.75

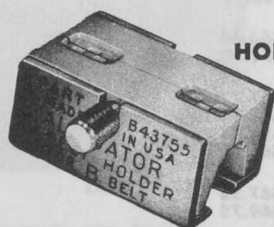
FASTENERS



| | Stock Number | List F.O.B. S'toon |
|---------------|--------------|--------------------|
| A180 Fastener | 03-72Z 67 | .95 |
| BB4 Fastener | 09-72Z391 | \$2.41 |
| B437 Fastener | 08-72Z871 | \$2.22 |
| C531 Fastener | 10-72Z802 | \$2.60 |

OPEN-END V-BELTING

| | | |
|------------------|-----------|--------|
| A Width Belting | 02-72Z94 | .61 |
| BB Width Belting | 03-72Z76 | .84 |
| B Width Belting | 03-72Z46 | .80 |
| C Width Belting | 05-72Z401 | \$1.30 |



HOLDER

REQUIRED

| | |
|--------------------------|--------|
| A18080—For "A" Fasteners | |
| 34-72Z886 | \$8.60 |
| B43755—For "B" Fasteners | |
| 08-72Z271 | \$2.15 |
| C53155—For "C" Fasteners | |
| 10-72Z802 | \$2.60 |
| BB455—For "BB" Fasteners | |
| 17-72Z443 | \$4.30 |

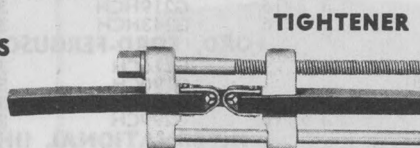


ROCKER PIN TOOLS

REQUIRED

For all Fasteners except D4M and A180.

| | |
|---------------------------------|--------|
| B43740—For "B" & "BB" Fasteners | |
| 06-72Z631 | \$1.70 |
| C62540—For C, D and E Fasteners | |
| 06-72Z631 | \$1.70 |

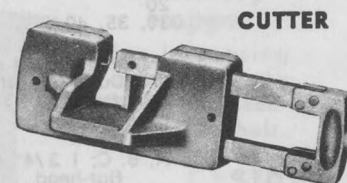


TIGHTENER

OPTIONAL

Desirable for fixed Center Drives—used to pull belt ends together in grooves of sheaves.

| | |
|-------------------------|--------|
| B43750—For "B" Fastener | |
| 17-72Z443 | \$4.30 |
| C53150—For "C" Fastener | |
| 17-72Z443 | \$4.30 |



CUTTER

OPTIONAL

C-62520—For A, B, BB, C and D belting.

51-72Z8201 \$12.85



| | Stock Number | List F.O.B. S'toon |
|--------------|--------------|--------------------|
| 5L280—V Belt | 06-72Z531 | \$1.69 |
| B75—V Belt | 14-72Z882 | \$3.60 |
| B90—V Belt | 17-72Z443 | \$4.30 |
| B97—V Belt | 18-72Z673 | \$4.70 |
| B105—V Belt | 20-72Z004 | \$5.00 |
| B112—V Belt | 21-72Z234 | \$5.40 |
| B120—V Belt | 22-72Z654 | \$5.70 |
| B128—V Belt | 24-72Z884 | \$6.10 |
| B144—V Belt | 27-72Z255 | \$6.90 |
| B158—V Belt | 30-72Z006 | \$7.50 |
| B173—V Belt | 31-72Z656 | \$8.20 |
| B180—V Belt | 34-72Z886 | \$8.60 |
| B195—V Belt | 37-72Z447 | \$9.30 |
| B210—V Belt | 40-72Z008 | \$10.00 |
| B240—V Belt | 45-72Z409 | \$11.30 |
| B270—V Belt | 51-72Z4201 | \$12.80 |
| B300—V Belt | 56-72Z6311 | \$14.20 |
| B315—V Belt | 60-72Z0021 | \$15.00 |

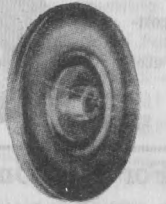
BROWNING the complete V-Drive Line



Browning

PRESSED STEEL SHEAVES

Single Groove Sheaves for "A" Belts



PRESSED STEEL

| Part No. | Stock No. | List | DIAMETER | | STOCK BORES MARKED "X" | | | | | | | | | | | |
|----------|-----------|--------|-----------------|-----------|------------------------|------|----|--------|--------|--------|----|--------|--------|--------|----|--------|
| | | | Nominal Outside | Pitch "A" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 1 3/4" | 2" | 2 1/4" | 2 1/2" | 2 3/4" | 3" | 3 1/2" |
| AS15 | 05-732401 | \$1.30 | 1 50" | 1 25" | x | | | | | | | | | | | |
| AS17 | 05-732411 | \$1.47 | 1 75 | 1 50 | x | | | | | | | | | | | |
| AS20 | 06-732421 | \$1.55 | 2 00 | 1 80 | x | | | | | | | | | | | |
| AS20 | 06-732421 | \$1.55 | 2 00 | 1 80 | x | | | | | | | | | | | |
| AS21 | 06-732421 | \$1.55 | 2 10 | 1 90 | x | | | | | | | | | | | |
| AS21 | 06-732421 | \$1.55 | 2 10 | 1 90 | x | | | | | | | | | | | |
| AS22 | 06-732421 | \$1.58 | 2 20 | 2 00 | x | | | | | | | | | | | |
| AS22 | 06-732421 | \$1.58 | 2 20 | 2 00 | x | | | | | | | | | | | |
| AS23 | 06-732431 | \$1.72 | 2 30 | 2 10 | x | | | | | | | | | | | |
| AS23 | 06-732431 | \$1.72 | 2 30 | 2 10 | x | | | | | | | | | | | |
| AS25 | 07-73251 | \$1.90 | 2 50 | 2 30 | x | | | | | | | | | | | |
| AS26 | 07-73261 | \$1.95 | 2 60 | 2 40 | x | | | | | | | | | | | |
| AS27 | 08-73271 | \$2.12 | 2 70 | 2 50 | x | | | | | | | | | | | |
| AS28 | 08-73271 | \$2.24 | 2 80 | 2 60 | x | | | | | | | | | | | |
| AS30 | 09-73281 | \$2.47 | 3 00 | 2 80 | x | | | | | | | | | | | |
| AS32 | 10-732412 | \$2.48 | 3 20 | 3 00 | x | | | | | | | | | | | |
| AS34 | 19-732693 | \$4.95 | 3 40 | 3 20 | x | | | | | | | | | | | |
| AS39 | 10-732012 | \$2.63 | 3 90 | 3 50 | x | | | | | | | | | | | |
| AS44 | 10-732112 | \$2.64 | 4 40 | 4 00 | x | | | | | | | | | | | |
| AS49 | 11-73222 | \$2.86 | 4 90 | 4 50 | x | | | | | | | | | | | |
| AS54 | 12-73242 | \$3.07 | 5 40 | 5 00 | x | | | | | | | | | | | |
| AS64 | 13-73272 | \$3.48 | 6 40 | 6 00 | x | | | | | | | | | | | |
| AS74 | 18-73263 | \$4.54 | 7 40 | 7 00 | x | | | | | | | | | | | |
| AS84 | 19-73263 | \$4.83 | 8 40 | 8 00 | x | | | | | | | | | | | |
| AS94 | 21-73274 | \$5.34 | 9 40 | 9 00 | x | | | | | | | | | | | |
| AS104 | 23-73274 | \$5.84 | 10 40 | 10 00 | x | | | | | | | | | | | |
| AS114 | 26-73285 | \$6.72 | 11 40 | 11 00 | x | | | | | | | | | | | |
| AS124 | 30-732916 | \$7.74 | 12 40 | 12 00 | x | | | | | | | | | | | |

SINGLE GROOVE SHEAVES

Type "BKH" Cast Iron

| PART No. | LIST PRICE | DIAMETERS | |
|----------|------------|-----------------|----------------|
| | | Nominal Outside | Nominal Inside |
| BK30H | 13-732472 | \$3.42 | 3.25" |
| BK32H | 13-732872 | \$3.48 | 3.35" |
| BK34H | 14-73282 | \$3.53 | 3.50" |
| BK36H | 14-732192 | \$3.64 | 3.75" |
| BK40H | 14-732592 | \$3.69 | 4.00" |
| BK45H | 15-732003 | \$3.75 | 4.50" |
| BK50H | 17-732243 | \$4.28 | 5.00" |
| BK55H | 18-732063 | \$4.50 | 5.50" |
| BK60H | 19-732183 | \$4.76 | 6.00" |
| BK65H | 21-732724 | \$5.34 | 6.50" |
| BK70H | 22-732454 | \$5.67 | 7.00" |
| BK80H | 25-732015 | \$6.37 | 8.00" |
| BK90H | 30-732916 | \$7.74 | 9.00" |
| BK100H | 33-732176 | \$8.39 | 10.00" |
| BK120H | 41-732128 | \$10.26 | 12.00" |
| BK140H | 50-7327101 | \$12.71 | 14.00" |
| BK160H | 59-7320911 | \$14.87 | 16.00" |
| BK190H | 91-7329261 | \$20.36 | 19.00" |

Browning PRESSED STEEL SHEAVES

Single Groove Sheaves for "B" Belts



TWO GROOVE SHEAVES

Type "2BKH" Cast Iron

| PART No. | LIST PRICE | DIAMETERS | |
|----------|------------|-----------------|----------------|
| | | Nominal Outside | Nominal Inside |
| 2BK32H | 29-732095 | \$7.37 | 3.36" |
| 2BK34H | 29-732495 | \$7.43 | 3.58" |
| 2BK36H | 30-732616 | \$7.70 | 3.76" |
| 2BK40H | 32-732246 | \$8.03 | 3.96" |
| 2BK45H | 33-732266 | \$8.28 | 4.26" |
| 2BK50H | 35-732607 | \$8.83 | 4.76" |
| 2BK55H | 39-732687 | \$9.82 | 5.26" |
| 2BK60H | 40-732618 | \$10.20 | 5.76" |
| 2BK65H | 44-732198 | \$11.14 | 6.26" |
| 2BK70H | 46-732439 | \$11.67 | 6.76" |
| 2BK80H | 54-7322801 | \$13.52 | 7.76" |
| 2BK90H | 55-7324011 | \$13.80 | 8.76" |
| 2BK100H | 64-7320821 | \$16.00 | 9.76" |
| 2BK120H | 79-7324851 | \$19.80 | 11.76" |
| 2BK140H | 91-7321381 | \$22.89 | 13.76" |
| 2BK160H | 95-7328191 | \$23.98 | 15.76" |
| 2BK190H | 113-732622 | \$28.33 | 18.76" |

| Part No. | Stock No. | List | DIAMETER | | STOCK BORES MARKED "X" | | | | | | | | | | | |
|----------|------------|---------|-----------------|-----------|------------------------|------|----|--------|--------|--------|----|--------|--------|--------|----|--------|
| | | | Nominal Outside | Pitch "B" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 1 3/4" | 2" | 2 1/4" | 2 1/2" | 2 3/4" | 3" | 3 1/2" |
| BS24 | 08-732971 | \$2.24 | 2 40" | 1 40" | x | | | | | | | | | | | |
| BS24 | 08-732971 | \$2.24 | 2 40" | 1 40" | x | | | | | | | | | | | |
| BS25 | 09-732481 | \$2.30 | 2 50" | 1 50" | x | | | | | | | | | | | |
| BS25 | 09-732481 | \$2.30 | 2 50" | 1 50" | x | | | | | | | | | | | |
| BS26 | 09-732291 | \$2.40 | 2 60" | 2 00" | x | | | | | | | | | | | |
| BS26 | 09-732291 | \$2.40 | 2 60" | 2 00" | x | | | | | | | | | | | |
| BS27 | 09-732891 | \$2.47 | 2 70" | 2 10" | x | | | | | | | | | | | |
| BS27 | 09-732891 | \$2.47 | 2 70" | 2 10" | x | | | | | | | | | | | |
| BS28 | 10-732012 | \$2.63 | 2 80" | 2 20" | x | | | | | | | | | | | |
| BS28 | 10-732012 | \$2.63 | 2 80" | 2 20" | x | | | | | | | | | | | |
| BS30 | 11-732222 | \$2.77 | 3 00" | 2 40" | x | | | | | | | | | | | |
| BS32 | 12-732842 | \$3.10 | 3 20" | 2 60" | x | | | | | | | | | | | |
| BS34 | 11-732022 | \$2.75 | 3 40" | 2 80" | x | | | | | | | | | | | |
| BS36 | 11-732222 | \$2.78 | 3 60" | 3 00" | x | | | | | | | | | | | |
| BS40 | 11-732222 | \$2.86 | 4 00" | 3 20" | x | | | | | | | | | | | |
| BS44 | 11-732222 | \$2.86 | 4 40" | 3 40" | x | | | | | | | | | | | |
| BS45 | 11-732222 | \$2.86 | 4 50" | 3 50" | x | | | | | | | | | | | |
| BS46 | 12-732242 | \$3.03 | 4 60" | 3 60" | x | | | | | | | | | | | |
| BS48 | 12-732342 | \$3.04 | 4 80" | 3 80" | x | | | | | | | | | | | |
| BS50 | 12-732442 | \$3.05 | 5 00" | 4 00" | x | | | | | | | | | | | |
| BS52 | 12-732742 | \$3.09 | 5 20" | 4 20" | x | | | | | | | | | | | |
| BS54 | 12-732352 | \$3.16 | 5 40" | 4 40" | x | | | | | | | | | | | |
| BS55 | 12-732552 | \$3.19 | 5 50" | 4 50" | x | | | | | | | | | | | |
| BS56 | 12-732752 | \$3.21 | 5 60" | 4 60" | x | | | | | | | | | | | |
| BS58 | 13-732062 | \$3.25 | 5 80" | 4 80" | x | | | | | | | | | | | |
| BS60 | 13-732262 | \$3.27 | 6 00" | 5 00" | x | | | | | | | | | | | |
| BS62 | 14-732592 | \$3.69 | 6 20" | 5 20" | x | | | | | | | | | | | |
| BS64 | 15-732713 | \$3.96 | 6 40" | 5 40" | x | | | | | | | | | | | |
| BS70 | 17-732643 | \$4.32 | 7 00" | 6 00" | x | | | | | | | | | | | |
| BS80 | 19-732683 | \$4.82 | 8 00" | 7 00" | x | | | | | | | | | | | |
| BS90 | 20-732514 | \$5.19 | 9 00" | 8 00" | x | | | | | | | | | | | |
| BS100 | 23-732764 | \$5.84 | 10 00" | 9 00" | x | | | | | | | | | | | |
| BS110 | 26-732535 | \$6.69 | 11 00" | 10 00" | x | | | | | | | | | | | |
| BS130 | 35-732607 | \$8.82 | 13 00" | 12 00" | x | | | | | | | | | | | |
| BS160 | 46-732439 | \$11.67 | 16 00" | 15 00" | x | | | | | | | | | | | |
| BS190 | 54-7328801 | \$13.60 | 19 00" | 18 00" | x | | | | | | | | | | | |

Bushings

| Bushing Part No. | O.D. | I.D. | List Price |
|------------------|--------|--------|------------|
| FHP15 | 1 1/2" | 1 1/4" | \$0.37 |
| FHP21 | 2 1/4" | 2 1/8" | \$0.89 |
| FHP19 | 1 3/4" | 1 3/8" | \$0.89 |
| FHP6 | 3/4" | 5/8" | \$0.89 |
| FHP7 | 7/8" | 3/4" | \$0.89 |
| FHP1 | 1/2" | 1/4" | \$0.89 |
| FHP8 | 1 1/4" | 1 1/8" | \$0.89 |
| FHP2 | 1/2" | 1/4" | \$0.89 |
| FHP11 | 1 1/2" | 1 1/8" | \$1.12 |
| FHP3 | 3/4" | 5/8" | \$1.12 |
| FHP9 | 1 1/4" | 1 1/8" | \$1.12 |
| FHP4 | 1 1/4" | 1 1/8" | \$1.12 |
| FHP10 | 1 3/4" | 1 3/8" | \$1.12 |
| FHP5 | 1 1/4" | 1 1/8" | \$1.12 |
| FHP20 | 1 3/4" | 1 3/8" | \$1.12 |
| FHP12 | 1 1/4" | 1 1/8" | \$1.32 |
| FHP13 | 1 1/4" | 1 1/8" | \$1.32 |
| FHP14 | 1 1/4" | 1 1/8" | \$1.32 |
| FHP15 | 1 1/4" | 1 1/8" | \$1.32 |
| FHP16 | 1 1/4" | 1 1/8" | \$1.32 |
| FHP17 | 1 1/4" | 1 1/8" | \$1.32 |

FHP bushings are for emergency use and for bores not usually encountered

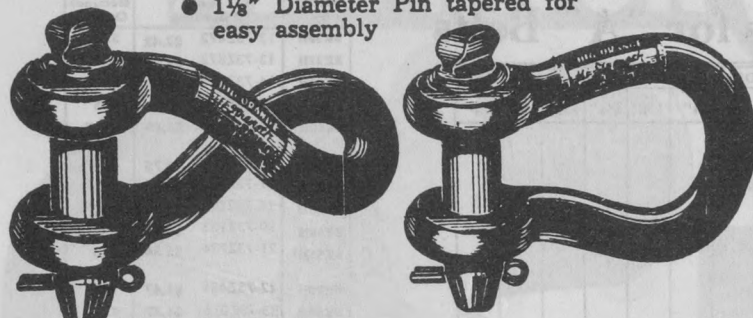
"H" BUSHINGS

| Bore "B" | Stock No. List Keyseat |
|----------|------------------------|
| 3/4" | None |
| 1/2" | None |
| 1/4" | None |
| 1/8" | 1/4" x 1/4" |
| 3/16" | 3/8" x 1/4" |
| 1/4" | 1/2" x 1/4" |
| 3/8" | 3/4" x 1/4" |
| 1/2" | 1" x 1/4" |
| 3/4" | 1 1/4" x 1/4" |
| 1" | 1 1/2" x 1/4" |
| 1 1/4" | 1 3/4" x 1/4" |
| 1 1/2" | 2" x 1/4" |
| 1 3/4" | 2 1/4" x 1/4" |
| 2" | 2 1/2" x 1/4" |
| 2 1/4" | 2 3/4" x 1/4" |
| 2 1/2" | 3" x 1/4" |
| 2 3/4" | 3 1/4" x 1/4" |
| 3" | 3 1/2" x 1/4" |
| 3 1/4" | 3 3/4" x 1/4" |
| 3 1/2" | 4" x 1/4" |
| 3 3/4" | 4 1/4" x 1/4" |
| 4" | 4 1/2" x 1/4" |
| 4 1/4" | 4 3/4" x 1/4" |
| 4 1/2" | 5" x 1/4" |
| 4 3/4" | 5 1/4" x 1/4" |
| 5" | 5 1/2" x 1/4" |
| 5 1/4" | 5 3/4" x 1/4" |
| 5 1/2" | 6" x 1/4" |
| 5 3/4" | 6 1/4" x 1/4" |
| 6" | 6 1/2" x 1/4" |
| 6 1/4" | 6 3/4" x 1/4" |
| 6 1/2" | 7" x 1/4" |
| 6 3/4" | 7 1/4" x 1/4" |
| 7" | 7 1/2" x 1/4" |
| 7 1/4" | 7 3/4" x 1/4" |
| 7 1/2" | 8" x 1/4" |
| 7 3/4" | 8 1/4" x 1/4" |
| 8" | 8 1/2" x 1/4" |
| 8 1/4" | 8 3/4" x 1/4" |
| 8 1/2" | 9" x 1/4" |
| 8 3/4" | 9 1/4" x 1/4" |
| 9" | 9 1/2" x 1/4" |
| 9 1/4" | 9 3/4" x 1/4" |
| 9 1/2" | 10" x 1/4" |
| 9 3/4" | 10 1/4" x 1/4" |
| 10" | 10 1/2" x 1/4" |
| 10 1/4" | 10 3/4" x 1/4" |
| 10 1/2" | 11" |

BIG ORANGE Hi-Strength PRODUCTS

For Crawler Tractors

- 1" Diameter Clevis Body
- 1 1/8" Diameter Pin tapered for easy assembly



No. 220 13-74A352 \$3.16

No. 110 13-74A352 \$3.16

Same Model as Above
7/8" Steel Bodies, 3/4" Pins

No. 4728 08-74A261 \$2.03

No. 4178 08-74A261 \$2.03

Same Model as Above
— FOR ONE PLOW TRACTORS —
3/4" Steel Bodies, 5/8" Pins

No. 4234 07-74A241 \$1.77

No. 4134 07-74A241 \$1.77

Same Model as Above.
7/8" Steel Bodies, 3/4" Pins
FOR CLOSE HOOK-UPS

No. 078 Jr. Twist Clevis 07-74A241 \$1.82

No. 78 Jr. Straight Clevis 07-74A641 \$1.82

TRACTOR DRAWBAR GRAB HOOK

Hot Forged of Hi-Strength Steel
and Heat-Treated

- Fits all tractor drawbars, old or new, front or back, to and including 1 1/2" thick.
- Use with chain sizes 1/4" to 7/16", including Hi-Test Chain.
- Special Heat-Treated 3/4" Steel Pin with Hairpin.
- Extra Long Hook — can grab two 5/16" chains (or smaller) at same time.
- Only 7" long — fits in tool box.
- Especially useful for use on hydraulically controlled drawbar for pulling fence posts.
- Ideal for towing logs, cribs, bins, hog houses, etc.

No. 834 Tractor Drawbar Clevis Grab Hook

10-74A391 \$2.41



Screw Pin Shackle Type FARM CLEVISES

For Use On

- Multiple Hitches where 3 or 4 implements are pulled with one tractor.

- Crawler Type Tractors.

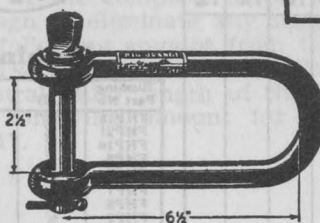


| No. | D. | Pin. | | |
|------|-------|------|-----------|--------|
| 1649 | 7/16" | 1/2" | 03-74A45 | .67 |
| 1650 | 1/2" | 5/8" | 04-74A37 | .91 |
| 1651 | 5/8" | 3/4" | 06-74A711 | \$1.46 |
| 1652 | 3/4" | 7/8" | 08-74A651 | \$1.95 |

Big Orange Grab Hook



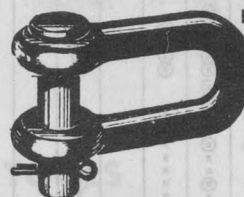
| | | | |
|-----|-------|-----------|--------|
| 804 | 1/4" | 03-74A45 | .67 |
| 805 | 5/16" | 03-74A36 | .79 |
| 806 | 3/8" | 04-74A28 | \$1.02 |
| 807 | 7/16" | 05-74A79 | \$1.29 |
| 808 | 1/2" | 07-74A131 | \$1.64 |
| 809 | 5/8" | 12-74A132 | \$2.89 |



No. 465 General Purpose
Clevis, Wt. - 3 lbs. 2 oz.

06-74A921 \$1.61

1548 and 1549 are used
for joining hitch to
harrow sections



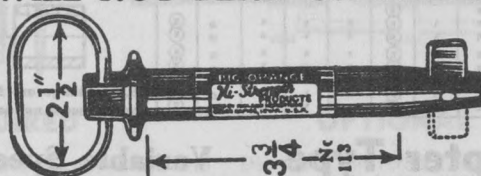
| Stock Number | Body Size | Pin Size | | |
|--------------|-----------|----------|-----------|--------|
| 1546 | 1/4" | 5/16" | 02-74A83 | .47 |
| 1547 | 5/16" | 3/8" | 02-74A93 | .49 |
| 1548 | 3/8" | 7/16" | 02-74A64 | .58 |
| 1549 | 7/16" | 1/2" | 03-74A85 | .73 |
| 1550 | 1/2" | 5/8" | 03-74A96 | .86 |
| 1551 | 5/8" | 3/4" | 06-74A111 | \$1.39 |

Big Orange Slip Hook



| | | | |
|-----|-------|-----------|--------|
| 904 | 1/4" | 03-74A45 | .67 |
| 905 | 5/16" | 03-74A36 | .79 |
| 906 | 3/8" | 04-74A28 | \$1.02 |
| 907 | 7/16" | 05-74A79 | \$1.21 |
| 908 | 1/2" | 07-74A131 | \$1.64 |

HITCH PINS WILL NOT BEND OR BREAK!

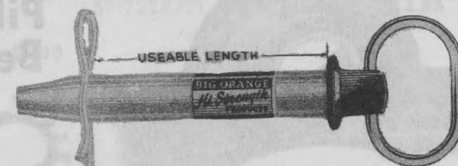


No. 1158—5/8" Pin, Usable Length 3 1/2".
04-74A77 .96

No. 1134—3/4" Pin, Usable Length 3 3/4".
04-74A28 \$1.02

No. 1178—7/8" Pin, Usable Length 4".
04-74A68 \$1.07

NEW STYLE WITH HAIRPIN LOCK, CADMIUM PLATED BODY



HAY BALE HOOKS

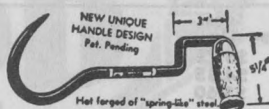
No. 120 — BALE HOOK — 12" overall, w/steel handle.
04-74A28 \$1.02

No. 250 — BALE HOOK — 12" overall, w/wood handle.
05-74A79 \$1.21

No. 716 — BALE HOOK — 10" overall, w/steel handle.
03-74A96 .86

No. 243 — BALE HOOK — 10" overall, w/wood handle.
04-74A68 \$1.07

No. 380 — BALE HOOK — 8" overall, w/steel handle.
03-74A06 .75



"INSTANT LOCKING" CLEVIS AND HITCH PINS

No. 34—3/4" Pin 03-74A46 .80
Fits most tractor clevises and tractor hitches.

No. 58—5/8" Pin 03-74A06 .75
Fits most combination pole caps, trailer hitches and one plow tractor clevises.

No. 12—1/2" Pin 03-74A06 .75
For smaller tractors and hitches — Has 2 1/2" usable length.



| No. | Dia. | L | | |
|------|------|--------|-----------|--------|
| 1220 | 3/4" | 6 1/4" | 04-74A68 | \$1.07 |
| 1225 | 7/8" | 6 1/2" | 05-74A89 | \$1.23 |
| 1230 | 1" | 6 3/4" | 07-74A441 | \$1.44 |
| 1200 | 5/8" | 3 3/4" | 04-74A37 | .91 |
| 1205 | 3/4" | 4" | 04-74A37 | .91 |
| 1210 | 7/8" | 4 1/4" | 04-74A77 | .96 |

HUB CITY

FARM EQUIPMENT PRODUCTS

SPLINE SHAFT ADAPTERS, SLEEVES and REDUCERS

with PARCO LUBRITE FINISH for Complete Rust Protection



BELT PULLEY ADAPTORS

FM 521—(Bolt-on-type) mounts old style belt pulley drives on current model tractors with standard 1 3/8" P.T.O. shafts. Sturdy one-piece casting, accurately machined. With R-420 Reducer. Sh. Wt. 13 lbs.
64-75Z0821 **\$16.00**

RM 421-0—For mounting old style pulley drive assemblies with 1 1/8" 6-spline PTO shaft, on current model Ford, Ferguson and Massey-Harris 55 Tractors. Belt pulley Adaptor with studs and R-420 Reducer. Sh. Wt. 13 3/4 lbs 67-75Z4431 **\$16.80**

NEW SPLINED ADAPTORS FOR 1962

T-377 PTO EXTENSION—Same in appearance as R-420. 1 1/8" 6-spline Female, 1 1/8" 6-spline Male, 5" long. Stock No. 23-75Z454 **\$5.67**

T-373 INVOLUTE SPLINE ADAPTOR—1 3/8" 21-spline Female, 1 3/8" 6-spline Male, 6 1/2" long. Stock No. 35-75Z207 **\$8.77**

T-376 PUMP DRIVE ADAPTOR—1" Round 1/4" K.W. Female, 1 3/8" 6-spline Male, 5 1/2" long. Stock No. 22-75Z144 **\$5.51**

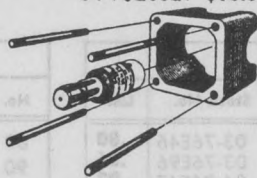
T-363 COMPETITIVE SLEEVE TYPE ADAPTOR—1 1/8" 6-spline Female, 1 3/8" 6-spline Male, 2" long. Stock No. 11-75Z412 **\$2.68**

T-352 UNIVERSAL SLEEVE TYPE ADAPTOR—For all tractors, including Ford & Ferguson. 6-spline 1 1/8" Female to 1 3/8" Male, 2 1/4" long. Stock No. 12-75Z842 **\$3.10**

T-353 UNIVERSAL EXTENSION ADAPTOR—For all tractors, except Ford & Ferguson. 6-spline 1 3/4" Female to 1 3/8" Male, 5 3/8" long. Stock No. 21-75Z514 **\$5.19**

T-353F UNIVERSAL EXTENSION ADAPTOR—With extra cross pin hole for Ford & Ferguson. 6-spline 1 1/8" Female to 1 3/8" Male, 5 3/8" long. Stock No. 21-75Z824 **\$5.35**

T-354 UNIVERSAL EXTENSION ADAPTOR—For all tractors except Ford & Ferguson. Clamp type-split with Clamp bolt. 6 spline 1 1/8" Female to 1 3/8" Male 5 3/8" long. Stock No. 22-75Z144 **\$5.51**



T-355 SLEEVE TYPE ADAPTOR for IHC CUB—10-spline involute to 1 3/8" 6-spline Male, 2 1/4" long. Stock No. 16-75Z623 **\$4.07**

T-371 P.T.O. EXTENSION ADAPTOR—6-spline, 1 3/8" Female to 1 3/8" Male, 6 1/2" long. Stock No. 33-75Z956 **\$8.24**

T-372 SPECIAL EXTENSION SHAFT—For A-C Forage Harvester. Male 6-spline 1 3/4" to 1" sq. Male. 6 1/2" long. Stock No. 18-75Z863 **\$4.60**

T-375 P.T.O. EXTENSION ADAPTOR—6-spline, 1 1/8" Female to 1 3/8" Male, 10 1/2" long. Stock No. 37-75Z637 **\$9.20**

R-400 UNIVERSAL REDUCER—6-spline, 1 3/8" Female to 1 1/8" Male, 6 1/2" long. Stock No. 23-75Z264 **\$5.78**

R-401 EXTENSION TYPE REDUCER—For Model G and GM John Deere. 6-spline 1 3/4" Female to 1 3/8" Male, 6 1/2" long. Stock No. 27-75Z935 **\$6.74**

R-403 SLEEVE TYPE REDUCER—For G and GM John Deere. 6-spline, 1 3/8" Female to 1 3/4" Male, 2 1/2" long. Stock No. 24-75Z574 **\$5.94**

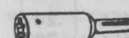
| No. | Size | Spline | Length | Stock No. | Price |
|------|--------|--------------|--------|-----------|--------|
| S341 | 1" | 6 spline | 2 3/4" | 11-75Z412 | \$2.68 |
| S344 | 1 1/8" | 6 spline | 2 3/4" | 08-75Z761 | \$2.09 |
| S342 | 1 1/4" | 6 spline | 3 1/4" | 15-75Z803 | \$3.85 |
| S348 | 1 1/4" | 10 spline | 3 3/4" | 19-75Z683 | \$4.82 |
| S345 | 1 3/8" | 6 spline | 3 3/4" | 13-75Z662 | \$3.32 |
| S350 | 1 3/8" | 21 spl. inv. | 3" | 21-75Z824 | \$5.35 |
| S347 | 1 1/2" | 6 spline | 3 3/4" | 20-75Z893 | \$4.98 |
| S349 | 1 5/8" | 6 spline | 3 3/4" | 21-75Z824 | \$5.35 |
| S346 | 1 3/4" | 6 spline | 3 3/4" | 16-75Z313 | \$3.91 |
| S351 | 1 3/4" | 27 spl. inv. | 3" | 23-75Z454 | \$5.67 |

Used for joining two shafts of same diameter, or replacing worn hubs in gears, sprockets, pulleys, etc., at small fraction of total replacement cost.

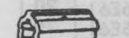


NEW ROUND BORE SLEEVES (with Keyway)

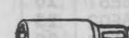
| No. | I.D. | K.W. | O.D. | Length | Stock No. | Price |
|------|--------|-------|--------|--------|-----------|--------|
| S380 | 3/4" | 3/16" | 1 1/2" | 2 3/4" | 12-75Z532 | \$2.94 |
| S381 | 7/8" | 3/16" | 1 1/2" | 2 3/4" | 12-75Z532 | \$2.94 |
| S382 | 1" | 3/16" | 1 1/2" | 2 3/4" | 12-75Z442 | \$3.05 |
| S383 | 1 1/8" | 3/16" | 1 1/2" | 2 3/4" | 12-75Z442 | \$3.05 |
| S384 | 1 1/8" | 3/16" | 1 1/2" | 2" | 15-75Z403 | \$3.80 |
| S385 | 1 1/8" | 3/16" | 1 1/2" | 2" | 15-75Z403 | \$3.80 |
| S386 | 1 1/4" | 3/16" | 1 1/2" | 2" | 15-75Z403 | \$3.80 |
| S387 | 1 1/4" | 3/16" | 1 1/2" | 2" | 15-75Z403 | \$3.80 |
| S388 | 1 3/8" | 3/16" | 2 1/8" | 3" | 16-75Z023 | \$4.00 |
| S389 | 1 3/8" | 3/16" | 2 1/8" | 3" | 16-75Z023 | \$4.00 |



R-404 EXTENSION TYPE REDUCER—For mounting V pulleys on PTO shafts. 6-spline, 1 3/8" Female to 3/4" Round with 3/16" Keyway, 5 1/2" long. Stock No. 32-75Z646 **\$8.08**



R-405 SLEEVE TYPE REDUCER—For John Deere Equipment. 6-spline, 1 1/8" Female to 1 3/4" Male, 2 1/2" long. Stock No. 23-75Z854 **\$5.73**



R-406 EXTENSION TYPE REDUCER—6-spline, 1 3/8" Female to 1 3/8" Male, 6 1/2" long. Stock No. 33-75Z366 **\$8.29**



R-420 SPECIAL SHORT REDUCER—For Ford & Ferguson 35 tractors. 6-spline, 1 3/8" Female to 1 1/8" Male, 5" long. Stock No. 23-75Z454 **\$5.67**

PUMP DRIVE REDUCERS

Connects Splined PTO to Round Shaft

| | | | | |
|-------|--------|-----------------------------------|---------------------|--------|
| R-407 | 1 3/8" | 6-spline to 3/4" Rd., 3/16" K.W. | Stock No. 30-75Z456 | \$7.60 |
| R-408 | 1 3/8" | 6-spline to 3/4" Rd., 3/16" K.W. | Stock No. 30-75Z456 | \$7.60 |
| R-409 | 1 3/8" | 6-spline to 3/8" Rd., 3/16" K.W. | Stock No. 30-75Z456 | \$7.60 |
| R-410 | 1 3/8" | 6-spline to 1" Rd., 1/4" K.W. | Stock No. 30-75Z456 | \$7.60 |
| R-411 | 1 3/8" | 6-spline to 1 1/8" Rd., 1/4" K.W. | Stock No. 30-75Z456 | \$7.60 |

Weld-On Studs, Weld-On Bushings and Splined Extension Shafts also available. Write for Catalog Sheet FE60.

For use in the Shop
or on the Field!



ACW Air Compressor with Motor, 730-75Z69541 **\$164.00**

ACW Air Compressor less motor 554-75Z18011 **\$124.50**

The Air Compressor was designed, and is now fully proven to provide an unfailing portable supply of high pressure air, such as that used in garages, for the various requirements of farmers, garage men, etc. Simply plugs into an electrical outlet and is ready for immediate use.

THERE IS NO FINER, OR SAFER, AIR COMPRESSOR ON THE MARKET IN ITS PRICE RANGE

You can transport up to 100 lbs. of air pressure out to the field. for tire inflation or cleaning out machinery. Reduce time lost by inflating tires. Save time by blowing dirt and waste from equipment rather than taking it apart to clean it.

Spray cattle, paint buildings, grease, etc., with high pressure air at

Complete with 1/2 H.P., 110-Volt Capacitor Type Motor, C.S.A. Approved.

PORTABLE AUTOMATIC air compressor

\$164.00

TIRE INFLATION

CLEANING

SPRAYING

DUSTING

PAINT SPRAYING

GREASING, Etc.



1/2 H.P. UNIT ONLY

low cost, with this proven air compressor. Completely automatic. Continuous operation while power is applied, stopping at 100 lbs. air pressure, starting at 70 lbs.

Complete and ready for use with air gauge, safety valve, check valve, outlet valve, "V" pulleys and belt, 20 feet of air hose and tire chuck.

ALL PRICES F.O.B. SASKATOON

"O"-RING KITS

SUGGESTED LIST

Stock No. List
 #126 Kit 132-76E0462 33.00
 #2745 Kit 330-76E8956 87.97

-24

23

| Nominal | | | | | | Nominal | | | | | | Nominal | | | | | |
|---------|-------------|--------|---------|-----------|------|---------|-------------|--------|--------|-----------|------|---------|-------------|-------|--------|-----------|------|
| No. | C/S or Wall | ID | OD | Stock No. | List | No. | C/S or Wall | ID | OD | Stock No. | List | No. | C/S or Wall | ID | OD | Stock No. | List |
| 1 | 1/16 | 1/8 | 1/4 | 01-76E61 | .20 | 46 | 3/16 | 3/4 | 4 1/8 | 03-76E46 | .80 | 89 | 1/8 | 1 5/8 | 1 7/8 | 01-76E32 | .29 |
| 2 | 1/16 | 3/32 | 9/32 | 01-76E61 | .20 | 47 | 3/16 | 3/8 | 4 1/4 | 03-76E96 | .86 | 90 | 1/8 | 1 3/4 | 2 | 01-76E32 | .29 |
| 3 | 1/16 | 3/16 | 5/16 | 01-76E61 | .20 | 48 | 3/16 | 4 | 4 3/8 | 04-76E47 | .92 | 91 | 1/8 | 1 7/8 | 2 1/8 | 01-76E42 | .30 |
| 4 | 1/16 | 7/32 | 11/32 | 01-76E61 | .20 | 49 | 3/16 | 4 1/8 | 4 1/2 | 04-76E08 | 1.00 | 92 | 1/8 | 2 | 2 1/4 | 01-76E42 | .30 |
| 5 | 1/16 | 1/4 | 3/8 | 01-76E61 | .20 | 50 | 3/16 | 4 1/4 | 4 5/8 | 04-76E58 | 1.06 | 93 | 1/8 | 2 1/8 | 2 3/8 | 01-76E52 | .31 |
| 6 | 1/16 | 5/16 | 7/16 | 01-76E61 | .20 | 51 | 3/16 | 4 3/8 | 4 3/4 | 05-76E09 | 1.12 | 94 | 1/8 | 2 1/4 | 2 1/2 | 01-76E52 | .31 |
| 7 | 1/16 | 3/8 | 1/2 | 01-76E61 | .20 | 52 | 3/16 | 4 1/2 | 4 7/8 | 05-76E99 | 1.24 | 95 | 1/8 | 2 3/8 | 2 5/8 | 01-76E62 | .32 |
| 8 | 3/32 | 3/8 | 9/16 | 01-76E61 | .20 | 53 | 1/4 | 4 5/8 | 5 1/8 | 05-76E201 | 1.28 | 96 | 1/8 | 2 1/2 | 2 3/4 | 01-76E62 | .32 |
| 9 | 3/32 | 7/16 | 5/8 | 01-76E61 | .20 | 54 | 1/4 | 4 3/4 | 5 1/4 | 05-76E601 | 1.32 | 97 | 1/8 | 2 5/8 | 2 7/8 | 01-76E62 | .33 |
| 10 | 3/32 | 1/2 | 11/16 | 01-76E61 | .20 | 55 | 1/4 | 4 7/8 | 5 3/8 | 06-76E011 | 1.38 | 98 | 1/8 | 2 3/4 | 3 | 01-76E72 | .34 |
| 11 | 3/32 | 9/16 | 3/4 | 01-76E02 | .25 | 56 | 1/4 | 5 | 5 1/2 | 06-76E211 | 1.40 | 99 | 1/8 | 2 7/8 | 3 1/8 | 01-76E72 | .34 |
| 12 | 3/32 | 5/8 | 13/16 | 01-76E02 | .25 | 57 | 1/4 | 5 1/8 | 5 5/8 | 06-76E811 | 1.48 | 100 | 1/8 | 3 | 3 1/4 | 01-76E82 | .35 |
| 13 | 3/32 | 11/16 | 7/8 | 01-76E02 | .25 | 58 | 1/4 | 5 1/4 | 5 3/4 | 06-76E021 | 1.50 | 101 | 1/8 | 3 1/8 | 3 3/8 | 02-76E13 | .39 |
| 14 | 3/32 | 3/4 | 15/16 | 01-76E02 | .25 | 59 | 1/4 | 5 3/8 | 5 7/8 | 06-76E321 | 1.54 | 102 | 1/8 | 3 1/4 | 3 1/2 | 02-76E23 | .40 |
| 15 | 1/8 | 3/4 | 1 | 01-76E02 | .25 | 60 | 1/4 | 5 1/2 | 6 | 06-76E621 | 1.58 | 103 | 1/8 | 3 3/8 | 3 5/8 | 02-76E53 | .44 |
| 16 | 1/8 | 13/16 | 1 1/16 | 01-76E02 | .25 | 61 | 1/4 | 5 5/8 | 6 1/8 | 07-76E031 | 1.62 | 104 | 1/8 | 3 1/2 | 3 3/4 | 02-76E73 | .46 |
| 17 | 1/8 | 7/8 | 1 1/8 | 01-76E42 | .30 | 62 | 1/4 | 5 3/4 | 6 1/4 | 07-76E641 | 1.82 | 105 | 1/8 | 3 5/8 | 3 7/8 | 02-76E83 | .48 |
| 18 | 1/8 | 15/16 | 1 3/16 | 01-76E42 | .30 | 63 | 1/4 | 5 7/8 | 6 3/8 | 07-76E741 | 1.84 | 106 | 1/8 | 3 3/4 | 4 | 02-76E04 | .50 |
| 19 | 1/8 | 1 | 1 1/4 | 01-76E42 | .30 | 64 | 1/4 | 6 | 6 1/2 | 07-76E941 | 1.86 | 107 | 1/8 | 3 7/8 | 4 1/8 | 02-76E44 | .55 |
| 20 | 1/8 | 1 1/16 | 1 1/8 | 01-76E42 | .30 | 65 | 1/4 | 6 1/4 | 6 3/4 | 08-76E051 | 1.88 | 108 | 1/8 | 4 | 4 1/4 | 02-76E84 | .60 |
| 21 | 1/8 | 1 1/8 | 1 3/8 | 01-76E42 | .30 | 66 | 1/4 | 6 1/2 | 7 | 08-76E251 | 1.90 | 109 | 1/8 | 4 1/8 | 4 3/8 | 03-76E25 | .65 |
| 22 | 1/8 | 1 3/16 | 1 7/16 | 01-76E42 | .30 | 67 | 1/4 | 6 3/4 | 7 1/4 | 08-76E251 | 1.91 | 110 | 1/8 | 4 1/4 | 4 1/2 | 03-76E65 | .70 |
| 23 | 1/8 | 1 1/4 | 1 1/2 | 01-76E42 | .30 | 68 | 1/4 | 7 | 7 1/2 | 08-76E361 | 2.04 | 111 | 1/8 | 4 3/8 | 4 3/8 | 03-76E06 | .75 |
| 24 | 1/8 | 1 5/16 | 1 9/16 | 01-76E42 | .30 | 69 | 1/4 | 7 1/4 | 7 3/4 | 09-76E071 | 2.12 | 112 | 1/8 | 4 1/2 | 4 3/4 | 03-76E46 | .80 |
| 25 | 1/8 | 1 3/8 | 1 5/8 | 01-76E42 | .30 | 70 | 1/4 | 7 1/2 | 8 | 09-76E971 | 2.24 | 113 | 1/8 | 4 5/8 | 4 7/8 | 03-76E86 | .85 |
| 26 | 1/8 | 1 7/16 | 1 11/16 | 01-76E42 | .30 | 71 | 1/4 | 7 3/4 | 8 1/4 | 10-76E202 | 2.52 | 114 | 1/8 | 4 3/4 | 5 | 04-76E07 | .88 |
| 27 | 1/8 | 1 1/2 | 1 3/4 | 01-76E82 | .35 | 72 | 1/4 | 8 | 8 1/2 | 11-76E112 | 2.64 | 115 | 1/8 | 4 7/8 | 5 1/8 | 04-76E27 | .90 |
| 28 | 3/16 | 1 1/2 | 1 7/8 | 02-76E03 | .38 | 73 | 1/4 | 8 1/2 | 9 | 12-76E032 | 2.88 | 116 | 1/8 | 5 | 5 1/4 | 04-76E80 | 1.00 |
| 29 | 3/16 | 1 5/8 | 2 | 02-76E13 | .39 | 74 | 1/4 | 9 | 9 1/2 | 12-76E232 | 2.90 | 117 | 1/8 | 5 1/8 | 5 3/8 | 04-76E48 | 1.05 |
| 30 | 3/16 | 1 3/4 | 2 1/8 | 02-76E13 | .39 | 75 | 1/4 | 9 1/2 | 10 | 12-76E042 | 3.00 | 118 | 1/8 | 5 1/4 | 5 1/2 | 04-76E88 | 1.10 |
| 31 | 3/16 | 1 7/8 | 2 1/4 | 02-76E33 | .41 | 76 | 1/4 | 10 | 10 1/2 | 13-76E262 | 3.28 | 119 | 1/8 | 5 3/8 | 5 5/8 | 05-76E29 | 1.15 |
| 32 | 3/16 | 2 | 2 3/8 | 02-76E43 | .42 | 77 | 1/4 | 10 1/2 | 11 | 15-76E492 | 3.68 | 120 | 1/8 | 5 1/2 | 5 3/4 | 05-76E69 | 1.20 |
| 33 | 3/16 | 2 1/8 | 2 1/2 | 02-76E43 | .43 | 78 | 1/4 | 11 | 11 1/2 | 21-76E624 | 5.32 | 121 | 1/8 | 5 5/8 | 5 7/8 | 05-76E001 | 1.25 |
| 34 | 3/16 | 2 1/4 | 2 5/8 | 02-76E73 | .46 | 79 | 1/4 | 11 1/2 | 12 | 25-76E394 | 6.16 | 122 | 1/8 | 5 3/4 | 6 | 05-76E401 | 1.30 |
| 35 | 3/16 | 2 3/8 | 2 3/4 | 02-76E83 | .47 | 80 | 1/4 | 12 | 12 1/2 | 26-76E525 | 6.56 | 123 | 1/8 | 5 7/8 | 6 1/8 | 05-76E801 | 1.35 |
| 36 | 3/16 | 2 1/2 | 2 7/8 | 02-76E83 | .48 | 81 | 1/4 | 12 1/2 | 13 | 27-76E745 | 6.84 | 124 | 1/8 | 6 | 6 1/4 | 06-76E211 | 1.40 |
| 37 | 3/16 | 2 5/8 | 3 | 02-76E93 | .49 | 82 | 1/4 | 13 | 13 1/2 | 29-76E675 | 7.20 | 125 | 1/8 | 6 1/4 | 6 1/2 | 06-76E211 | 1.40 |
| 38 | 3/16 | 2 3/4 | 3 1/8 | 02-76E04 | .50 | 83 | 1/4 | 13 1/2 | 14 | 30-76E606 | 7.58 | 126 | 1/8 | 6 1/2 | 6 3/4 | 06-76E211 | 1.40 |
| 39 | 3/16 | 2 7/8 | 3 1/4 | 02-76E34 | .54 | 84 | 1/4 | 14 | 14 1/2 | 31-76E616 | 7.70 | 127 | 1/8 | 6 3/4 | 7 | 06-76E611 | 1.45 |
| 40 | 3/16 | 3 | 3 3/8 | 02-76E54 | .56 | 85 | 1/4 | 14 1/2 | 15 | 32-76E046 | 8.00 | 128 | 1/8 | 7 | 7 1/4 | 06-76E611 | 1.45 |
| 41 | 3/16 | 3 1/8 | 3 1/2 | 02-76E84 | .60 | 86 | 1/4 | 15 | 15 1/2 | 36-76E217 | 8.90 | 129 | 1/8 | 7 1/4 | 7 1/2 | 06-76E021 | 1.50 |
| 42 | 3/16 | 3 1/4 | 3 5/8 | 03-76E05 | .62 | 87 | 1/4 | 15 1/2 | 16 | 37-76E937 | 9.24 | 130 | 1/8 | 7 1/2 | 7 3/4 | 06-76E821 | 1.60 |
| 43 | 3/16 | 3 3/8 | 3 3/4 | 03-76E35 | .66 | 88 | 1/4 | 4 1/2 | 5 | 05-76E101 | 1.26 | 131 | 1/8 | 7 3/4 | 8 | 07-76E231 | 1.65 |
| 44 | 3/16 | 3 1/2 | 3 7/8 | 03-76E65 | .70 | | | | | | | 132 | 1/8 | 8 | 8 1/4 | 07-76E441 | 1.80 |
| 45 | 3/16 | 3 5/8 | 4 | 03-76E85 | .73 | | | | | | | 133 | 1/8 | 8 1/4 | 8 1/2 | 08-76E461 | 2.05 |
| | | | | | | | | | | | | 134 | 1/8 | 8 1/2 | 8 3/4 | 09-76E671 | 2.20 |
| | | | | | | | | | | | | 135 | 1/8 | 8 3/4 | 9 | 09-76E971 | 2.22 |
| | | | | | | | | | | | | 136 | 1/8 | 9 | 9 1/4 | 09-76E081 | 2.25 |
| | | | | | | | | | | | | 137 | 1/8 | 9 1/4 | 9 1/2 | 09-76E081 | 2.25 |
| | | | | | | | | | | | | 138 | 1/8 | 9 1/2 | 9 3/4 | 09-76E481 | 2.30 |
| | | | | | | | | | | | | 139 | 1/8 | 9 3/4 | 10 | 09-76E481 | 2.30 |
| | | | | | | | | | | | | 140 | 1/8 | 10 | 10 1/4 | 10-76E691 | 2.45 |

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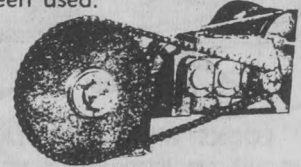
AGRICULTURE SPROCKETS

Generally speaking, the quality of our sprockets would be higher quality because in every instance the teeth are machine cut ensuring smooth chain operation.

Many original equipment sprockets are rough cast, but in every instance but two (as noted) our sprockets are manufactured from certified C1020 steel.

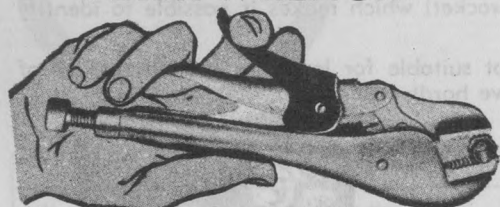
It will be noted we have introduced a numbering system (which is stamped into the sprocket) which makes it possible to identify every sprocket by pitch and number of teeth facilitating quick identification.

It should be pointed out the sprockets supplied on original equipment frequently are not suitable for local crop conditions, all of which means large numbers of additional sprockets are required even though the originals have hardly been used.



| Description | Sprocket Number | Factory Number | Mfr. and Model | Stock No. | List |
|---|-----------------|----------------|---------------------------------|------------|---------|
| Driving Sprocket for Counter Shaft—2 1/2" Bore | 50X25VS5 | SW-203 | Versatile Model Up To 1957 S.P. | 09-77Z691 | \$2.85 |
| Driven Sprocket on Counter Shaft—1 1/8" Bore | 50X48VS5 | SW-1389 | | 33-77Z566 | \$9.50 |
| Idle Sprocket—6204-2RS BRG. | Not Avail. | SW-626 | | | |
| Traction Driving Sprocket on Shaft—1 1/8" Bore | 60X12VS5 | SW-1388 | | 13-77Z372 | \$3.90 |
| Traction Driven Sprocket on Wheel Shaft | 60X48VS5 | SW-452 | Versatile Model No. 103 S.P. | 40-77Z508 | \$11.50 |
| Driving Sprocket for Canvas Drive—1" Bore | 41X14VS7 | SW-1363 | | 78-77Z751 | \$2.25 |
| Driven Sprocket on Canvas Drive—1" Bore | 41X20VS5 | SW-1362 | | 94-77Z981 | \$2.70 |
| Driving Sprocket for Reel—1 1/8" Bore | 41X20VS6 | SW-1361 | | 11-77Z132 | \$3.30 |
| Driven Sprocket on Reel Drive—13/16" Bore | 41V26VS5 | SW-1360 | 1958 and later | 13-77Z662 | \$3.80 |
| Idle Sprocket for Reel Drive | Not Avail. | SW-1378 | | | |
| Driving Sprocket for Counter Shaft—1 1/16" Bore | 50X12VS5 | SW-1122 | | 11-77Z132 | \$3.30 |
| Driven Sprocket on Counter Shaft—1 1/8" Bore | 50X48VS5 | SW-1389 | | 33-77Z566 | \$9.50 |
| Traction Driving Sprocket on Counter Shaft—1 1/8" Bore | 60X12VS5 | SW-1388 | Oliver Grain Master Model S.P. | 13-77Z372 | \$3.90 |
| Traction Driven Sprocket on Wheel Hub—1 1/2" Bore | 60X48VS5 | SW-452 | | 40-77Z508 | \$11.50 |
| Driving Sprocket on Planetary Shaft—1 5/8" —6 Spline | 40X19KS5 | 51 | | 21-77Z434 | \$6.20 |
| Driving Sprocket on Planetary Shaft—1 5/8" —6 Spline | 40X17KS5 | 261 | | 21-77Z024 | \$6.00 |
| Driven Sprocket on Counter Shaft—1 1/4" —6 Spline | 40X72KS5 | 190 | Oliver Model No. 85 S.P. | 43-77Z578 | \$12.50 |
| Traction Driving Sprocket on Counter Shaft—1 1/4" —6 Spline | 50X14KS5 | 185 | | 28-77Z065 | \$8.00 |
| Traction Driving Sprocket on Counter Shaft—1 1/4" —6 Spline | 50X14KS6 | 185-B | | 29-77Z595 | \$8.50 |
| Traction Driven Sprocket on Wheel Shaft—60 Teeth | 50X60KS6 | 106 | | 45-77Z019 | \$13.00 |
| Traction Driven Sprocket on Wheel Shaft—90 Teeth | 50X90KS5 | 106-B | Oliver Model No. 86 S.P. | 89-77Z5871 | \$25.50 |
| Driving Sprocket Hydraulic Unit—VG40 Engine—1 3/4" Bore | 40X20KS6 | 897386-L | | 20-77Z604 | \$5.80 |
| Driving Sprocket Hydraulic Unit—VG40 Engine—1 3/4" Bore | 40X20KS5 | 895112-L | | 20-77Z604 | \$5.80 |
| Driven Sprocket Hydraulic Unit | 40X30KS5 | 895179-L | | 24-77Z094 | \$7.00 |
| Driving Sprocket on Planetary Shaft—1 5/8" —6 Spline | 50X15KS5 | 895048-L | Massey Model 28 P.T. | 26-77Z525 | \$7.50 |
| Driven Sprocket on Counter Shaft | 50X60KS5 | 895040-L | | 45-77Z019 | \$13.00 |
| Idle Sprocket for Counter Shaft Drive | Not Avail. | 895082-L | | | |
| Driving Sprocket on Planetary Shaft | 40X12KS5 | 895042-L | | 17-77Z343 | \$4.90 |
| Driven Sprocket for Reel Drive | 40X70KS5 | 895408-L | Massey Model No. 30 P.T. | 42-77Z048 | \$12.00 |
| Traction Driving Sprocket on Counter Shaft | 60X11KS5 | 895038-L | | 21-77Z024 | \$6.00 |
| Traction Driven Sprocket on Wheel Shaft | 60X58KS5 | 895024-L | | 68-77Z5631 | \$19.50 |
| Driving Sprocket Hydraulic Unit—VG40 Engine—1 3/4" Bore | 40X20KS6 | 895386-L | | 20-77Z604 | \$5.80 |
| Driving Sprocket Hydraulic Unit—VG40 Engine—1 7/16" Bore | 40X20KS5 | 895112-L | Massey Model No. 28 P.T. | 20-77Z604 | \$5.80 |
| Driven Sprocket Hydraulic Unit | 40X30KS5 | 895179-L | | 24-77Z094 | \$7.00 |
| Driving Sprocket on Planetary Shaft—1 5/8" —6 Spline | 50X15KS5 | 895048-L | | 26-77Z525 | \$7.50 |
| Driven Sprocket on Counter Shaft | 50X60KS5 | 895040-L | | 45-77Z019 | \$13.00 |
| Idle Sprocket on Counter Shaft Drive | Not Avail. | 895082-L | Massey Model No. 30 P.T. | 21-77Z024 | \$6.00 |
| Traction Driving Sprocket on Counter Shaft | 60X11KS5 | 895038-L | | 68-77Z5631 | \$19.50 |
| Traction Driven Sprocket on Wheel Shaft | 60X58KS5 | 895024-L | | 09-77Z691 | \$2.80 |
| Idle Sprocket for Knife Pitman Drive | 60X12MF5 | B-779 | | 27-77Z645 | \$7.80 |
| Driving Sprocket on PTO Shaft | 60X12MF6 | A-3157 | Model | 37-77Z357 | \$10.75 |
| Driven Clutch Sprocket for Pitman Crankshaft | 60X19MF7 | B-2204 | | 39-77Z887 | \$11.25 |
| Driven Clutch Sprocket for Pitman Crankshaft | 60X22MF7 | 140155 | | 40-77Z508 | \$11.50 |
| Driven Clutch Sprocket for Pitman Crankshaft | 60X23MF7 | 140161 | | 40-77Z508 | \$11.50 |
| Driven Sprocket on Stub Shaft for Reel | 60X19MF8 | 140017 | Massey Model No. 28 P.T. | 38-77Z077 | \$11.00 |
| Driven Sprocket on Stub Shaft for Reel | 60X21MF8 | 140016 | | 17-77Z043 | \$4.85 |
| Driving Sprocket for Table Rollers | 50X12MF7 | 142175M1 | | 15-77Z913 | \$4.55 |
| Driven Sprocket on Table Rollers | 50X14MF7 | 141940M91 | | | |
| Driving Sprocket for Table Rolls—Original Units | 40X18MF7 | 142556M91 | Massey Model No. 30 P.T. | 20-77Z604 | \$5.80 |
| Driven Sprocket on Table Rolls—Original Units | 40X15MF7 | 142635M91 | | 24-77Z094 | \$7.00 |
| Driving Sprocket for Table Rolls—Latter Units | 40X18MF8 | 142835M91 | | 20-77Z604 | \$5.80 |
| Driven Sprocket on Table Rolls—Latter Units | 40X15MF8 | 142831M91 | | 24-77Z094 | \$7.00 |
| Driving Sprocket for Hydraulic Unit | 40X20KS5 | 1507436M1 | Massey Model No. 30 P.T. | 63-77Z0621 | \$18.00 |
| Driven Sprocket on Hydraulic Unit | 40X30KS5 | 1507508M91 | | 24-77Z794 | \$7.10 |
| Driving Sprocket for Reel Drive on Planetary Shaft | 40X16KS5 | 1507422M1 | | 21-77Z434 | \$6.20 |
| Comb. Sprocket for Reel Drive on Counter Shaft | 40X64X18KS5 | 1507379M91 | | 43-77Z578 | \$12.50 |
| Driven Sprocket for Reel Drive on Secondary Shaft | 40X32KS5 | 1507369M1 | 1955 Only | 26-77Z525 | \$7.50 |
| Driving Sprocket for Counter Shaft—1 5/8" —6 Spline | 40X19KS5 | 1507412M1 | | 45-77Z019 | \$13.00 |
| Driven Sprocket on Counter Shaft—1 5/8" —6 Spline | 40X72KS5 | 1507381M91 | | 22-77Z554 | \$6.50 |
| Driving Sprocket for Counter Shaft—1 5/8" —6 Spline | 50X15KS5 | 1507413M1 | | 45-77Z019 | \$13.00 |
| Driven Sprocket on Counter Shaft | 50X60KS5 | 1507382M91 | 1955 Only | 45-77Z019 | \$13.00 |
| Traction Driving Sprocket | 50X12KS5 | 1507372M1 | | 45-77Z024 | \$6.00 |
| Traction Driven Sprocket | 50X60KS6 | 1507385M1 | | 68-77Z5631 | \$19.50 |
| Traction Driving Sprocket | 60X11KS5 | 1507373M1 | | 20-77Z604 | \$5.80 |
| Traction Driven Sprocket | 60X58KS5 | 1507386M1 | Massey Model No. 30 P.T. | 24-77Z094 | \$7.00 |
| Driving Sprocket for Hydraulic Unit | 40X20KS5 | 1507436M1 | | 20-77Z604 | \$5.80 |
| Driven Sprocket for Hydraulic Unit | 40X30KS6 | 1508430M1 | | 63-77Z0621 | \$18.00 |
| Driving Sprocket for Reel Drive on Planetary Shaft | 40X16KS5 | 1507422M1 | | 36-77Z537 | \$10.50 |
| Comb. Sprocket for Reel Drive on Counter Shaft | 40X64X18KS5 | 1507379M91 | Massey Model No. 30 P.T. | | |
| Driven Sprocket for Reel Drive on Secondary Shaft | 40X29KS5 | 1508587M1 | | | |
| Driving Sprocket for Reel Drive on Planetary Shaft | Not Avail. | 1508336M1 | | | |
| Driven Sprocket for Reel Drive on Secondary Shaft | Not Avail. | 1508545M1 | | | |
| Driving Sprocket for Counter Shaft—1 5/8" —6 Spline | 50X15KS5 | 1507413M1 | No. 20 | 26-77Z525 | \$7.50 |
| Driven Sprocket on Counter Shaft | 50V60KS5 | 1507382M91 | | 45-77Z019 | \$13.00 |
| Traction Driving Sprocket on Counter Shaft | 60X11KS5 | 1507373M1 | | 21-77Z024 | \$6.00 |
| Traction Driven Sprocket on Wheel Shaft | 60X58KS5 | 1507386M1 | | 68-77Z5631 | \$19.50 |
| Traction Idle Sprocket | Not Avail. | 1508324M1 | S.P. | | |
| Driving Sprocket on Planetary Shaft—1 5/8" —6 Spline | 40X19KS5 | 51 | | 21-77Z434 | \$6.20 |
| Driven Sprocket on Planetary Shaft—1 5/8" —6 Spline | 40X17KS5 | 241 | | 21-77Z024 | \$6.00 |
| Driving Sprocket on Counter Shaft—1 1/2" —6 Spline | 40X72KS5 | 190 | | 43-77Z578 | \$12.50 |
| Traction Driving Sprocket on Counter Shaft—1 1/2" —6 Spline | 50X14KS5 | 185 | Model | 28-77Z065 | \$8.00 |
| Traction Driven Sprocket on Counter Shaft—1 1/2" —6 Spline | 50X14KS6 | 185-B | | 29-77Z595 | \$8.50 |
| Traction Driven Sprocket on Wheel Shaft—60 Teeth | 50X60KS6 | 106 | | 45-77Z019 | \$13.00 |
| Traction Driven Sprocket on Wheel Shaft—90 Teeth | 50X90KS5 | 106-B | | 89-77Z5871 | \$25.50 |
| Driving Sprocket Hydraulic Unit—VG40 Engine—1 7/16" Bore | 40X20KS5 | K-5456-S | Killbery | 20-77Z604 | \$5.80 |
| Driving Sprocket Hydraulic Unit—VG40 Engine—1 3/4" Bore | 40X20KS6 | K-9316-S | | 20-77Z604 | \$5.80 |
| Driven Sprocket Hydraulic Unit | 40X30KS5 | K-6700-S | | 24-77Z094 | \$7.00 |
| Driving Sprocket on Planetary Shaft—1 5/8" —6 Spline | 50X15KS5 | K-6261-S | | 26-77Z525 | \$7.50 |
| Driven Sprocket on Counter Shaft | 50X60KS5 | K-6450-S | No. 95 | 45-77Z019 | \$13.00 |
| Idle Sprocket for Counter Shaft Drive | Not Avail. | | | | |
| Driving Sprocket on Planetary Shaft Reel Drive—7/8" Bore | 40X12KS5 | | | 17-77Z343 | \$4.90 |
| Driven Sprocket for Reel Drive | 40X40KS5 | | | 28-77Z065 | \$8.00 |
| Traction Driving Sprocket on Counter Shaft | 60X11KS5 | K-6451-S | S.P. | 21-77Z024 | \$6.00 |
| Traction Driven Sprocket on Wheel Shaft | 60X58KS5 | K-8068-S | | 68-77Z5631 | \$19.50 |

BARCALO LOCK-JAW PLIER-WRENCH



LOCKS WITH ONE HAND

Releases with one hand—leaves other hand free.

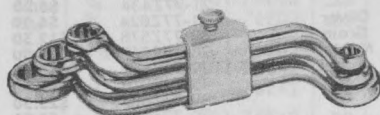
Stock No. 15-78Z003 **\$4.00**



RC-5MH

5 pc., combination set, $\frac{3}{8}$ to $\frac{5}{8}$, 5 sizes, 32 uses, medium size set, better quality. Std. Pkg. Quantity 3.

Stock No. 15-78Z003 **List \$4.36**



RS-3MHL

3 pc. short box set, $\frac{3}{8}$ to $\frac{3}{4}$, 6 sizes, 31 uses, minimum range of popular sizes. Std. Pkg. Quantity 3.

Stock No. 09-78Z481 **List \$271**

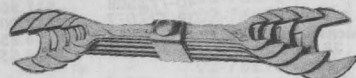


RB-5MH RB-6MH

5 pc. long box set, $\frac{3}{8}$ to $\frac{7}{8}$, 10 sizes, 42 uses, larger range of sizes in long pattern box. Std. Pkg. Quantity 3.

Stock No. 20-78Z714 **List \$6.19**

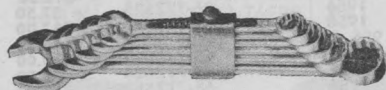
Stock No. 28-78Z365 **List \$8.33**



LO-5MH

5 pc., open end set, $\frac{5}{16}$ to $\frac{3}{4}$, 10 sizes, 37 uses, minimum range of popular sizes. Std. Pkg. Quantity 3.

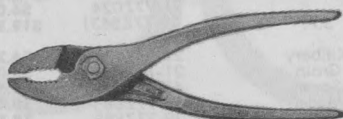
Stock No. 08-78Z671 **List \$2.25**



RC-6MHL

6 pc., combination set, $\frac{7}{16}$ to $\frac{3}{4}$, 6 sizes, 39 uses, popular size set, larger range of sizes to $\frac{3}{4}$. Std. Pkg. Quantity 3.

Stock No. 21-78Z624 **List \$6.28**



606 LEADER PLIERS

Popular low-cost combination pliers for general use . . . two adjustable slip joints . . . deep gripper teeth . . . shear type cutter. Forged from long-life special analysis steel, heat-treated.

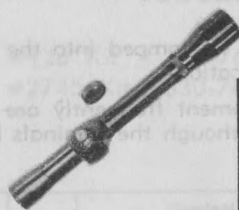
No. 606. Length $6\frac{1}{2}$ " **List .95**

Stock No. 02-78Z35

No. 808. Length 8" **List \$1.31**

Stock No. 04-78Z98

DARUMA

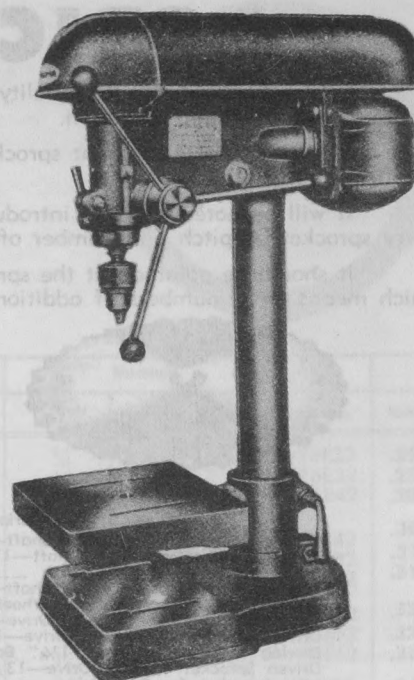


Mod. BP-4A 4x32mm
Overall: 1"
Eyepiece dia.: 32mm
Length: 305mm

Stock No.
22-78Z8342
List \$32.50

ELECTRIC BENCH DRILL

| | Stock No. | List |
|---------|-------------|-----------------|
| No. 200 | 00-78Z0559 | \$125.00 |
| No. 100 | 00-78Z08521 | \$163.50 |
| No. 50 | 00-78Z59991 | \$259.95 |



| Type | No. 50 | No. 100 | No. 200 |
|-------------------------|--------------------|--------------------|----------------------|
| Drilling Capacity | $\frac{3}{4}$ " | $\frac{1}{2}$ " | $\frac{3}{8}$ " |
| Swing | 17" | 14" | 9 $\frac{1}{2}$ " |
| Spindle Stroke | 5 $\frac{1}{8}$ " | 3 $\frac{1}{8}$ " | 2 $\frac{1}{8}$ " |
| Max. Dist. Tip to Table | 17 $\frac{1}{8}$ " | 14 $\frac{1}{8}$ " | 9 1 $\frac{1}{16}$ " |
| Max. Dist. Tip to Base | 25" | 18" | 13 $\frac{3}{8}$ " |

**For Faster, Easier
Chain Saw Repair**

new

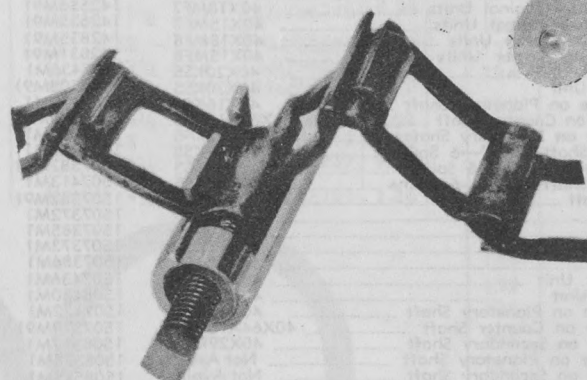
RAINS CHAIN-A-PART

Stock No.
24-78Z694
List \$6.20

**RAINS
CHAIN-A-PARTS**

Model S/L for: No. 45 and 55
steel link chain

Stock No. 09-78Z291 **List \$2.40**

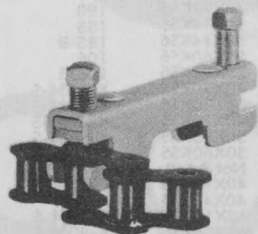


**RAINS
RIVET SPINNER**

Stock No. 24-78Z694
List \$6.20

Model R/C for: No. 50 & 60 roller
chain.

Stock No. 15-78Z613 **List \$3.95**





MACNAUGHT BARREL PUMP

THE NEW 20 IMP. GALLONS PER MINUTE QUART STROKE PUMP

SPEEDY

Pumps 1 Imperial Quart per full stroke with easy pump action up to 80 strokes per minute.

PUMPS & STRAINS

Pumps and strains fuel oil, gasoline, kerosene. Use without strainer for lubricating oils up to SAE 50.

DURABLE

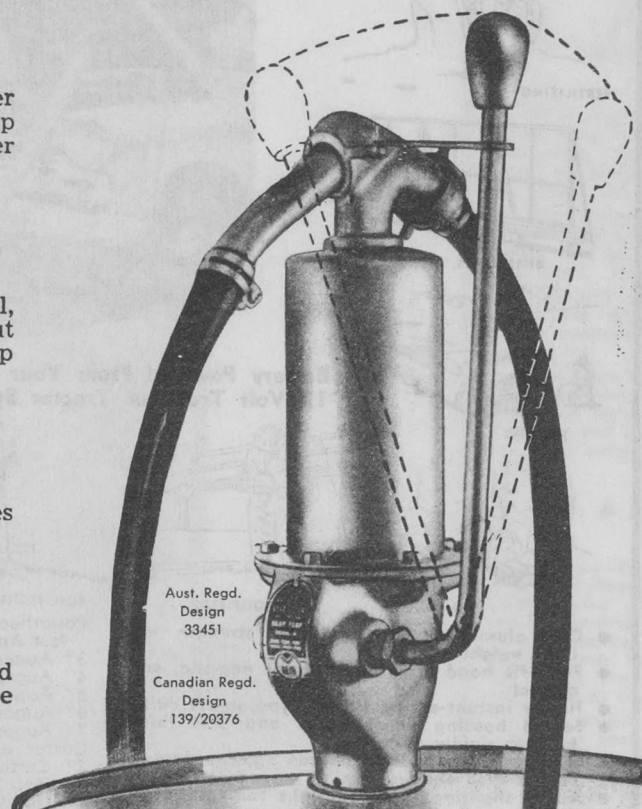
Superior packing gland ensures that the pump never leaks.

SIMPLE

No fatigue. No complicated operation. Easily removable strainer in suction pipe.

RELIABLE

Self-cleaning valves mean trouble-free operation. Always ready for use.



SELF PRIMING

Automotive piston and ring operation makes the pump self-priming always.

SYPHON CONTROL

Syphons with lever forward. Cuts off flow immediately lever is moved back. The handle lever mechanically operates the outlet valve.

ALL METAL

Solid metal construction throughout. No diaphragms or buckets to replace.

COSTS LESS

Solid compact construction—lots of superior features . . . yet it costs less to buy. Unconditionally guaranteed.

Stock No. 158-79Z0613

List F.O.B. S'toon

\$39.50

MACNAUGHT

25 lb. to 45 lb. Pail

LUBRICATOR



REFINERY-PURE GREASE FROM PAIL TO BEARING

MACNAUGHT gives complete protection of grease: Follower disc seals out dust, dirt, water, etc. Synthetic rubber hose delivers grease direct to bearing. Grease is never exposed to contamination.

NO WASTE—EMPTIES PAIL COMPLETELY
Rubber-sealed follower disc rides at grease level, prevents contamination and "coning," wipes side of pail clean and ensures that ALL grease is pumped from pail. No airlocks can form. Grease does not have to be transferred from one pail to another.

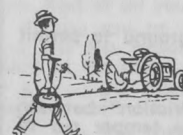
180-240 SHOTS PER CHARGE
One easy downward push on the pump handle primes the pump. This provides a reservoir of 4½-ozs. grease—sufficient to service 80-120 nipples before recharging.

LUBRICATES HEADERS



Simply strap Lubricator on Header and lubricate in the field—anywhere. Completely dust sealed.

READILY PORTABLE



Carry Lubricator to job and 10 feet of hose enables you to service whole machine without moving pail.

180 SHOTS PER CHARGE



Reservoir of 4½ ozs. of grease—sufficient for 80-120 nipples before recharging.

Stock No. 198-79Z0693

List F.O.B. S'toon

\$49.50

ALL PRICES F.O.B. SASKATOON

"DOON IS BEST—BY ANY TEST"

FIRST—In Value—In Quality

DOON

BALER and BINDER TWINES



- ★ First to manufacture knotless baler twine in Canada.
 - ★ Made from "extra" strong sisal fibre.
 - ★ Designed and manufactured for trouble-free performance.
 - ★ Doon's "extra" strength will save broken bales or sheaves.
- "IT COSTS LESS TO BUY THE BEST"
- PRICES ON REQUEST

NEW... LOW COST

WISSOTA

SICKLE SECTION GRINDER

Fits Any 1/4" or 3/8" Electric Drill

Patent Pending



New fast grinder for sharpening Sickle Bars of any length.

Comfortably shaped metal handle, complete with 4 holding clamps. Top quality Wissota Sickle Cone, fully vitrified, properly bevelled 4 1/2 x 3 1/2 x 1/2".

PACKED IN
ATTRACTIVE
DISPLAY
CARTON

DS4 48-80A069 \$12.00
4 1/2 x 5 1/2 x 1/2" Stone 17-80A633 \$4.20

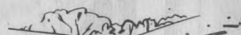
EASY FOR ONE MAN TO OPERATE—PROVED EVERY DAY—BEST FOR MANY USES



FERTILIZING



BILLBOARDS, SIGNS



FENCING



PLANTING



OILFIELDS



SOIL TESTING



CONSTRUCTION

Battery Powered From Your
12 Volt Truck or Tractor System

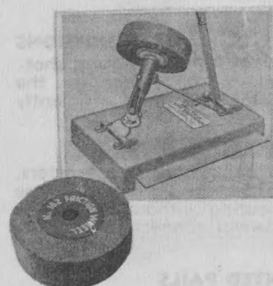
- Cast aluminium head unit for strength with light weight
- Form-fit hand grips notched for non-slip, easy control
- Handy instant-acting trigger type on-off switch
- Sealed housing keeps gears and ball thrust bearing rigidly aligned
- Shear pin auger drive guards against damage from buried obstructions
- Auger flighting designed right for fast, clean dirt removal
- Cutting blades are hard-surfaced with tungsten carbide for long wear
- Battery clamps with 20-ft. flexible leads make any job easy to reach

| | | |
|---|--------------|----------|
| Powerhead with 20 ft. Cables less Auger | 567-80Z04311 | \$134.95 |
| 3" Auger | 61-80Z1321 | \$14.65 |
| 4" Auger | 67-80Z0431 | \$15.95 |
| 5" Auger | 72-80Z5441 | \$17.20 |
| 6" Auger | 84-80Z6761 | \$19.95 |
| 7" Auger | 105-80Z0012 | \$25.00 |
| Cutter Blades | | |
| 3" Carbide Tipped each | 08-80Z061 | \$1.90 |
| 4" (Set 2), each | 09-80Z671 | \$2.10 |
| 5" (Set 2), each | 10-80Z391 | \$2.30 |
| 6" (Set 2), each | 12-80Z722 | \$2.70 |
| 7" (Set 2), each | 12-80Z252 | \$3.00 |
| Cable Leads, | | |
| 20 ft. length | 106-80Z4312 | \$25.40 |
| Ice Auger | 135-80Z9072 | \$32.25 |
| 12" Auger Shaft | | |
| Extension | 20-80Z614 | \$4.95 |

VULCAN

FRICION DISC
SHARPENER

Truck Wheel or Tractor Power



- SHARPEN DISC ANYWHERE
With tractor power. Any size flat belt can be used. Blade will not cut or ridge belt.
- Quality Grinding Wheel Assembly
Has finest grinding stone obtainable. Self oiling bronze bearings and thrust ball bearing.
- A sharp disc saves fuel, stays in the ground better, cuts off weeds and leaves a nicer soil bed.
- Will sharpen any type of discing implement. Gives true cut around the whole blade regardless of wobble caused from bent shaft or blade.
- Easily portable, easy to use right on the field.

- Fully guaranteed against defective materials and workmanship.
- Sharpen the discing implements when necessary without dismantling or hauling to town.
- Save expensive custom sharpening.

FASTER SHARPENING

Complete disc can be sharpened in less than one hour—average time for one blade is about 5 minutes.

BETTER SHARPENING

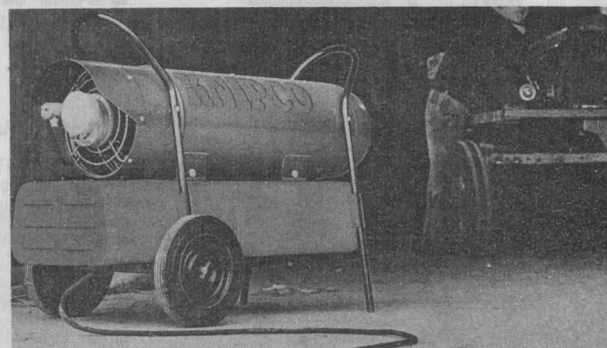
Disc Sharpener is firmly anchored on the ground to permit even grinding. Easily operated by one man.

LONGER BLADE WEAR

Slower regulated speed reduces "mutual friction" between blade and sharpening stone. Does not take temper out of disc as in high speed grinding.

Vulcan Disc Sharpener Stock No. 91-80A6381 List \$22.95
Stone for Disc Sharpener 28-80A865 \$7.10

KNIPCO PORTABLE FARM HEATER



F-180 (75000 BTU) Stock No. 872-80Z04471 List \$218.00

Use circulating warm air to heat repair sheds, hog houses, chicken houses, milk houses, other out-buildings; to warm engines, thaw equipment, silage and water lines or to keep warm while you work outside. The Knipco is simple to operate, low priced and economical to run. Use it wherever and whenever you want heat. Fill it with kerosene or fuel oil, plug it in any 115 v/AC outlet and you have heat, **instantly.**



TOX-O-WIK GRAIN DRYER

To Leading Farmers Everywhere

As a farmer, your greatest friend and your worst enemy is the same thing. NATURE. Nature can make or break you. And through the years, the farmer's role has become one of importance and great satisfaction because he has learned to increase the "make" in nature while reducing the "break."

The problem of "beating" nature is a tough one. But the farmer has proven his ability to do it. He has done it by using better and better tools and methods and by becoming a good business man. The production record stands as evidence.

Not only is the farmer in competition with nature, but he is competing with other farmers, too. And the man who produces better products with greater efficiency is the man who will come out on top.

Now, new methods of drying crops open wonderful opportunities to competitive farmers like you who are not content to be at the mercy of nature when it comes to getting your harvest in. You, who are not content to watch your competitors walk off with the premium prices, it is for you that this information has been prepared.

A THOUGHT TO THOSE TO WHOM THIS ARTICLE APPLIES

Are you the farmer who reads everything he can from the farm papers, college and university bulletins and other sources? Do you prepare your ground to the best of your knowledge, using the best seeds, planting the seeds as recommended, fertilizing at the proper time, irrigating (if you are an irrigator) when necessary, spraying when insects threaten your crops, use 2,4-D spray for weed control, using the best farm equipment and then leave your crops in the fields to dry?

Why do all the good things getting your crop to maturity and then take the chance on leaving it in the swath to let Mother Nature dry it, and then after first or second rain you lose a grade. Mechanical Drying will complete this perfect cycle for you. Put your crop in the bin rather than the swath.

Information and data for this booklet has been taken from manuals and pamphlets put out by the United States Department of Agriculture, several state universities and colleges, the Butler Manufacturing Company, ARMCO Steel Corporation, Crop Dryer Manufacturers' Association, Agricultural Development Division of the Lennox Furnace Company, Tatge Chemical Company.

WHAT ARE THE ADVANTAGES OF MECHANICAL DRYING?

When you use mechanical drying the outstanding advantage you have over field drying is GREATER PROFIT. And what better reason could the businessman farmer want? When you take the crop drying out of the hands of the weatherman and control it yourself, you will profit in many ways. Here are some of them.

1. You will profit because you can harvest your crop when it is at prime condition—when it is at its peak food value content. You need not wait for it to lose moisture content naturally. You need not wait for what might be good drying weather.

2. You will profit because you will reduce field losses when you harvest your crop at its prime, your harvesting machinery is most efficient because the machinery was designed to work best on erect stands of grain at fairly high moisture content. By waiting for the crop to dry naturally, you run the risk of loss to wind and rain. Flattened fields of grain just cannot be harvested efficiently, as you well know.

3. You will profit because you will get your crop under cover sooner. This prevents loss of food value to the weather. SUN and RAIN BLEACH AND SOAK AWAY MUCH FOOD VALUE SUCH AS PROTEIN. Rain also causes mold and loss of leaves and kernels. So, whether you are selling your crop or feeding it, it's worth more when you protect it from the weather by mechanical drying.

4. You will profit because the crop will be protected from mold and vermin sooner. It will be dried evenly and the exact moisture content you need for best storage.

5. You will profit because your crops will be dried sooner than those dried in the field, thus, you can sell it at higher prices before the market is flooded. Or you will have put the crop in good condition for storage so that you can hold it until prices rise.

6. You will profit because you will save time and work. Weather need not upset your crop drying plans. You can schedule your work. Crops can be harvested and fields cleared for the next farming operation without waiting and wondering if the crop will be dry in time. Best of all you can plan your crops better.

7. You can go into standing crop of 20% moisture and combine just the heads, avoid windrowing and start harvesting days ahead of the usual methods.

8. You will start threshing three days and more ahead of the one who waits for Mother Nature to dry the grain after every rain.

9. You will take away risk, finish harvesting early, and have plenty of time to do your fall work.

10. You can do custom work with your dryer and have it pay for itself the first year.

Stock No. 13440-IBC008862

Price \$3200.00 F.O.B. Saskatoon



- REDUCES DRYING TIME 25%
- ONLY TWO MAJOR MOVING PARTS
- REQUIRES MUCH LESS, POWER, LESS FUEL
- DRIES EVENLY—WITH NO DAMAGE TO GRAIN

**Check -
these Advantages**

Introducing **GAMMASAN** A DRY SEED DRESSING

for control of FLEA BEETLES IN RAPESEED AND MUSTARD

LIFE CYCLE OF THE FLEA BEETLE

Flea beetles cause serious damage to rapeseed and mustard plants as they push up from the soil. Damage may be done to the seedlings even before they emerge from the crusted soil particles. Damage to the first two small leaves is usually very serious as the plant may fail to produce further leaves and will die. After emergence of the plant, the flea beetles continue to eat holes in the leaves and may defoliate and kill the plant. In any case, the plant is retarded by such damage and is less thrifty and hardy than a plant which has been protected by Gammasan. Flea beetles overwinter in the soil and become active with earliest warm weather. They begin feeding on the young rapeseed plants as described above. Eggs are then laid in the soil and the young grubs hatch. These later pupate and another brood of flea beetles appear in August. This second brood hibernate over winter to repeat the cycle next spring.



Apply GAMMASAN as follows:

Areas of light flea beetle infestation:

1/2 oz. GAMMASAN per lb. of seed.

Areas of heavy flea beetle infestation:

1 1/2 oz. GAMMASAN per lb. of seed.

Available in:

| | Stock No. | Per Tin List |
|---------------------------------|------------|--------------|
| 10 lb. tins (single tin) each | 128-BC9752 | \$30.50 |
| 2 lb. tin (12 per case) per tin | 27-BC145 | \$6.40 |



APPEARANCE OF THE FLEA BEETLE

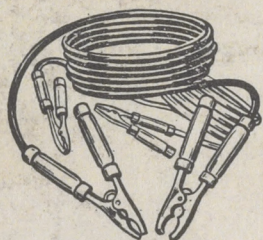
Most flea beetles are shiny black insects from 1/16" - 1/8" long. Some may show cream colored stripes. The hind legs are enlarged which enables them to jump actively when disturbed. This accounts for their name.

CHIPMAN CHEMICALS LIMITED

proudly offers another new development in crop protection.

GAMMASAN is the answer to a problem which has long plagued the rapeseed and mustard grower.

Experiments have shown substantial yield increases from use of GAMMASAN.



TWIN BATTERY BOOSTER CABLES

For quick starting without pushing simply connect cables from "live" battery to battery in stalled vehicle. Ideal for starting automatic transmission cars or farm trucks in cold weather. Two cable sets per box, consisting of: rugged copper clad clips fitted with sturdy insulated handles (colored for identification), and fitted to either end of 8-foot length, 6 gauge copper heavy duty cables. 6-gauge, 8-foot length. Price, 15-BC913 .. \$3.95

Quick start



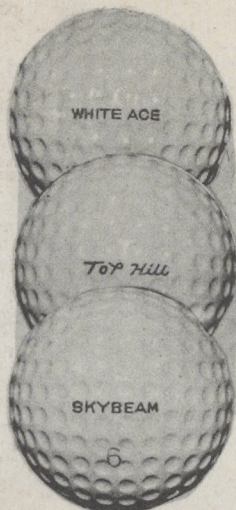
Stock No. 09-BC991
(per tin) List \$2.65

GOLF BALLS

White Ace Solid Centre Golf Ball
19-BC083 per doz \$4.95

Top Hill Liquid Centre Golf Ball
23-BC564 per doz. \$6.05

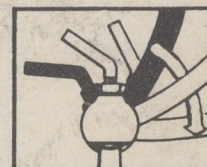
Sky Beam Steel Centre Golf Ball
25-BC005 per doz. \$6.50



SUN-KING UMBRELLAS



Rotates in a full circle.



Tilts forward-backward-to either side.

• LOTS OF ROOM UNDERNEATH

The Sun-King features a new type of overhead suspension which permits the umbrella stem to be off-set to one side where it will not interfere in any way. Chairs, lawn seat, playpen, bridge or serving table may be placed completely underneath the umbrella for full shade.

• FINGER TIP CONTROL

The four sturdy oil-tempered steel bows that provide the frame for the cover are easily locked into place by individual spring steel clips. This gives sturdy rigidity and, at the same time, provides easy finger-tip control for opening and closing the cover.

Easily opened and closed. The FIRST in easy handling for women, boys, and girls!

Deluxe Model With Reversible Vinyl Cover

REGULAR \$48.95
166-BC0133

Special \$38.95

Standard Heavy Canvas Duck.

Yellow and Green
REGULAR \$39.95
127-BC6452

Special \$29.95

